```
Database :
                                                                                                                                                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                          Minimum DB
Maximum DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence:
                                                                                                                                                                                                                                                                                                                                                                                        seq length: 0
seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       644
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             April 16, 2003, 12:15:16; Search time 19 Seconds (without alignments)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     288829 segs, 75613885 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       us-10-015-967-2
                                                                                                                                                                                                                                                                          Published_Applications_AA: *
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MKVLISSLLLLLPLMLMSMV......SRACQQFLKQCQLRSFALPL 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GenCore version 5.1.4_p5_4578 Copyright (c) 1993 - 2003 Compugen Ltd.
/cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
                                                                                                                                                                                                                                                    /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
                                                                                                                                                                                                                                  cgn2_6/ptodata/1/pubpaa/PCT/
                                                                                                                                                                                                               cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           173.582 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                    288829
```

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result

Query

45	44	43	42	41	40	39	38	37	36	3 5	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20
644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644
100.0	100.0	100.0			100.0							100.0		100.0									100.0		100.0
119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119
9	ဖ	9	9	ø	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	ø	φ	9	9	9
US-10-176-992-140	US-10-176-991-140	US-10-176-987-140	US-10-176-985-140	US-10-176-750-140	US-10-176-747-140	US-10-176-492-140	US-10-176-488-140	US-10-175-743-140	US-10-175-740-140	US-10-175-739-140	US-10-174-588-140	US-10-174-582-140	US-10-174-579-140	US-10-174-572-140	US-10-173-700-140	US-09-997-666-165	US-09-997-428-165	US-09-990-562-165	US-09-990-438-165	US-10-180-557-140	US-10-180-552-140	US-10-176-913-140	US-10-176-757-140	US-10-176-482-140	US-10-175-752-140
	•	•	140,	•	Sequence 140, App	140,	•	140,	140,	140,	140,	140,	140,	140,	140,	165,	165,	165,	•	140,	140,	•	Sequence 140, App	•	Sequence 140, App

ALIGNMENTS

```
US-09-992-598-165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. US20020160384A1
                               PRIOR APPLICATION NUMBER: 60/049787
PRIOR EILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR FILING DATE: 1997-11-12
PRIOR FILING DATE: 1997-11-12
                                                                                                                                   TITLE OF INVENTAL....
FILE REFERENCE: P2730P1C20
CURRENT APPLICATION NUMBER: US/09/992,598
CURDDENT FILING DATE: 2001-11-14
                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                  TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                               APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Ashkenazi,Avi J.
APPLICANT: Baker,Kevin P.
APPLICANT: Botstein,David
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT
FILING DATE:
                 APPLICATION NUMBER: 60/065311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          165, Application US/09992598
                                                                                                                                                                                                                                                           Watanabe, Colin K.
Williams, P. Mickey
Wood, William I.
                                                                                                                                                                                                                                               Zhang,
                                                                                                                                                                                                                                                                                                                        Tumas, Daniel
                                                                                                                                                                                                                                                                                                                                     Roy, Margaret Ann
Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                Napier, Mary A.
                                                                                                                                                                                                                                                                                                                                                                                                                                   Gurney, Austin L.
Kljavin, Ivar J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Godowski, Paul J.
Grimaldi, J.Christopher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gerritsen, Mary E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gerber, Hanspeter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ferrara, Napoleone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eaton, Dan L.
                                                                                                                                                                                                                                                                                                                                                                               Paoni,Nicholas F.
                                                                                                                                                                                                                                                                                                                                                                                                  Pan, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Fong,Sherman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Desnoyers,Luc
                                                                                                                                                                                                                                               Zemin
                                                                                                                                                                                                                       Nucleic
```

ч	
نو	
ď	
መ	

PRIOR OR APPLICATION NUMBER: 60/088029
OR APPLICATION NUMBER: 60/088029
OR FILING DATE: 1998-06-04
OR APPLICATION NUMBER: 60/088030
OR FILING DATE: 1998-06-04
OR APPLICATION NUMBER: 60/088033
OR FILING DATE: 1998-06-04
OR APPLICATION NUMBER: 60/088326
OR FILING DATE: 1998-06-04
OR APPLICATION NUMBER: 60/088167
OR APPLICATION NUMBER: 60/088167
OR FILING DATE: 1998-06-05
OR FILING DATE: 1998-06-05
OR APPLICATION NUMBER: 60/088212
OR FILING DATE: 1998-06-05
OR APPLICATION NUMBER: 60/088212
OR APPLICATION NUMBER: 60/088212
OR FILING DATE: 1998-06-05
OR APPLICATION NUMBER: 60/08855
OR APPLICATION NUMBER: 60/08655
OR FILING DATE: 1998-06-05
OR APPLICATION NUMBER: 60/08655
OR FILING DATE: 1998-06-05
OR APPLICATION NUMBER: 60/08655
OR APPLICATION NUMBER: 60/08655
OR FILING DATE: 1998-06-09
OR APPLICATION NUMBER: 60/088734 DR FILING DATE: 1998-06-10
PR FILING DATE: 1998-06-10 R FILING DATE:
R APPLICATION N
R FILING DATE:
R APPLICATION N
R FILING DATE: R APPLICATION NUMBER: 60/00 R FILING DATE: 1998-06-04 RR APPLICATION NUMBER: 60/00 R FILING DATE: 1998-06-04 R APPLICATION NUMBER: 60/00 B ETITING NUMBER: 60/00 R FILING DATE: 1998-06
R APPLICATION NUMBER: (
R FILING DATE: 1998-06
R APPLICATION NUMBER: (APPLICATION FILING FILING DATE: APPLICATION APPLICATION I APPLICATION APPLICATION APPLICATION APPLICATION NUMBER: APPLICATION NUMBER: APPLICATION NUMBER: FILING DATE: 1998-06-04 APPLICATION FILING DATE: APPLICATION FILING DATE: APPLICATION NUMBER: 60/078910 FILING DATE: 1998-03-20 APPLICATION NUMBER: FILING DATE: 1998-06-DATE: DATE: DATE: N NUMBER: 60/0: E: 1998-06-10 NUMBER: NUMBER: NUMBER: NUMBER: NUMBER: NUMBER: NUMBER: N NUMBER: 60/0 E: 1998-06-02 1998-06-1998-06-16 NUMBER: 60/ : 1998-06-02 1998-06-12 1998-06-11 1998-06-1998-06-11 1998-06-10 1998-06-10 NUMBER: NUMBER: 60/066770: 1997-11-24 1998-06-02 1998-06-03 1998-05-1998-05-07 1998-04-28 1998-02-25 60/089532 60/089514 60/089512 60/089440 60/089105 60/088876 60/088861 60/088858 60/088826 60/088824 60/088810 60/088742 60/088738 60/088026 60/088028 60/088025 60/088021 60/087827 60/087759 60/087609 60/087607 60/087106 60/083322 60/084600 /075945

PRIOR DR FILING DATE: 1998-06-25
DR EFLING DATE: 1998-06-25
DR EFLING DATE: 1998-06-25
DR APPLICATION NUMBER: 60/05
DR FILING DATE: 1998-06-26
DR APPLICATION NUMBER: 60/05
DR FILING DATE: 1998-06-26
DR FILING DATE: 1998-07-01
DR APPLICATION NUMBER: 60/05
DR FILING DATE: 1998-07-01
DR APPLICATION NUMBER: 60/05
DR FILING DATE: 1998-07-02 DR FILING DATE: 1998-06-25

DR APPLICATION NUMBER: 60/090690

DR FILING DATE: 1998-06-25

DR APPLICATION NUMBER: 60/090694

DR FILING DATE: 1998-06-25

DR APPLICATION NUMBER: 60/090695 R FILING DATE: 1998-06
R APPLICATION NUMBER: 6
R FILING DATE: 1998-06
R APPLICATION NUMBER: 6 R FILING DATE: 1998-06-24
R APPLICATION NUMBER: 60/0:
R FILING DATE: 1998-06-24
R APPLICATION NUMBER: 60/0:
R APPLICATION NUMBER: 60/0:
R FILING DATE: 1998-06-24 NUMBER: 1998-06 NATE: 1998-06 NAPPLICATION NUMBER: R FILING DATE: 1000 R APPLICATION NUMBER:
R FILING DATE: 1998-06
R APPLICATION NUMBER:
R FILING DATE: 1998-06 APPLICATION NUMBER: 60/ FILING DATE: 1998-06-24 APPLICATION NUMBER: 60/ APPLICATION NUMBER: FILING DATE: 1998-0 APPLICATION NUMBER: APPLICATION NUMBER: FILING DATE: 1998-0 FILING DATE: APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER: APPLICATION NUMBER: FILING DATE: 1998-00 APPLICATION FILING DATE: APPLICATION NUMBER: APPLICATION NUMBER: 60/ FILING DATE: 1998-06-19 APPLICATION NUMBER: 60 FILING DATE: 1998-06-APPLICATION NUMBER: APPLICATION FILING DATE: APPLICATION NUMBER: APPLICATION NUMBER: 60 FILING DATE: 1998-06-FILING DATE: 1998-06-17 APPLICATION NUMBER: 60/ FILING DATE: 1998-06-17 APPLICATION NUMBER: FILING DATE: FILING DATE: FILING NUMBER: 60/090254 1998-06-25 NUMBER: 1998-06-24 1998-06-1998-06-1998-06-24 1998-06-24 1998-06-23 1998-06-24 1998-06-23 1998-06-22 1998-06-22 1998-06-22 1998-06-19 лими ER: 60/089599 1998-06-17 1998-06-19 1998-06-18 1998-06-R: 60/091478 -07-02 60/090863 60/091360 60/090862 60/090696 60/090678 60/090676 60/090557 60/090542 60/090445 60/090540 60/090535 60/090472 60/090444 60/090435 60/090431 60/090429 60/090355 60/090349 60/089653 6-17 60/090252 60/090246 60/089952 60/089947 806680/09 60/089948 60/089907 60/089801 60/089598 6-17 60/089600 60/089538

```
APPLICAMY: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembran
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730p1C66
CURRENT APPLICATION NUMBER: U5/09/989,293A
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065186
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/06571
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/06770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-989-293A-165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 119; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence
                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR
                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                     APPLICANT
                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR
                                                                                                                                                                                                                                                                                                            APPLICANT
                                                                                                                                                                                                                                                                                                                        APPLICANT
                                                                                                                                                                                                                                                                                                                                                         APPLICANT
                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OR FILING DATE: 1998-07-02
OR APPLICATION NUMBER: 60/091633
OR FILING DATE: 1998-07-02
OR APPLICATION NUMBER: 60/091978
OR FILING DATE: 1998-07-07
OR APPLICATION NUMBER: 60/091982
OR FILING DATE: 1998-07-07
OR APPLICATION NUMBER: 60/092182
OR FILING DATE: 1998-07-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ce 165, Application US/09989293A
No. US20020177164A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/091544
FILING DATE: 1998-07-01
APPLICATION NUMBER: 60/091519
FILING DATE: 1998-07-02
APPLICATION NUMBER: 60/091626
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MKVLISSLLLLLPLMLMSMYSSSLNPGVARGHRDRGQASRRWLQEGGQECECKDWFLRAP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ashkenazi, Avi i
Baker, Kevin P.
                                                                                                                                                                                                 Watanabe, Colin K.
Williams, P. Mickey
Wood, William I.
                                                                                                                                                                                                                                                                                                                                Godowski, Paul J.
Grimaldi, J. Christopher
                                                                                                                                                                                                                                                                                                                                                                  Gerber, Hanspeter
Gerritsen, Mary E
                                                                                                                                                                                                                                     Tumas,
                                                                                                                                                                                                                                                                                                          Gurney, Austin L
Kljavin, Ivar J.
                                                                                                                                                                                                                                                                                                                                                                                                                           Desnoyers, Luc
                                                                                                                                                                                                                                                   Stewart,
                                                                                                                                                                                                                                                                         Paon i
                                                                                                                                                                                                                                                                                             Napier, Mary A.
                                                                                                                                                                                                                                                                                                                                                        Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                          Fong,Sherman
                                                                                                                                                                                                                                                                                                                                                                                                     Ferrara,Napoleone
                                                                                                                                                                                                                                                                                                                                                                                                                 Eaton, Dan L.
                                                                                                                                                                                                                                                                                                                                                                                                                                       Botstein,David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                              ni, Nicholas F., Margaret Ann wart, Timothy A.
                                                                                                                                                                                                                                   Daniei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%;
                                                                                                                                                                                                                                                                                                                                                                   H
                                                                                                                                                                Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 644; DB 9 Pred. No. 2e-56; Mismatches
                                                                                                                                                                           Transmembrane Polypeptides and Nucleic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 119;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR
                                                           PRIOR PRIOR PRIOR
                                                                                                       PRIOR
PRIOR
                                                                                                                              PRIOR PRIOR
                                                                                                                                                     PRIOR PRIOR
                                                                                                                                                                                      PRIOR PRIOR
                                                                                                                                                                                                             PRIOR PRIOR
                                                                                                                                                                                                                                    PRIOR
PRIOR
                                                                                                                                                                                                                                                                                             PRIOR
                                                                                                                                                                                                                                                                                                                   PRIOR
                                                                                                                                                                                                                                                                                                                                            PRIOR
                                                                                                                                                                                                                                                                                                                                                                              PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR
                                                                                             PRIOR
                                                                                                                                                                                                                                                             PRIOR
                                                                                                                                                                                                                                                                         PRIOR
                                                                                                                                                                                                                                                                                    PRIOR
                                                                                                                                                                                                                                                                                                           PRIOR
                                                                                                                                                                                                                                                                                                                                                        PRIOR
                                                                                                                                                                                                                                                                                                                                                                   PRIOR
                                                                                                                                                                                                                                                                                                                                                                                          PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR
             APPLICATION N
FILING DATE:
APPLICATION N
                                                                                                                                                                                                                                                                                  APPLICATION N
FILING DATE:
                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE: 1998-0 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: APPLICATION
                                              APPLICATION |
FILING DATE:
                                                                      APPLICATION |
FILING DATE:
                                                                                            FILING DATE:
                                                                                                        FILING DATE: APPLICATION
                                                                                                                              FILING DATE: APPLICATION
                                                                                                                                                                APPLICATION FILING DATE:
                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                   APPLICATION
                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                            APPLICATION
                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                  APPLICATION
                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                         APPLICATION
                                                                                                                                                                                                                                                                                                                      FILING DATE APPLICATION
                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                   APPLICATION
                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 1998-00 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 1998-04-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DATE:
                                                           NUMBER:
                                                                                                                                                                                                                                                                                  NUMBER: 60/
: 1998-06-10
                                                                                                                                                                                                                                                                                                                                             NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                          NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER: 60/
: 1998-06-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER: 60/
: 1998-03-20
                                                                                  NUMBER:
                                                                                                         NUMBER:
                                                                                                                               NUMBER:
                                                                                                                                                      NUMBER:
                                                                                                                                                                             NUMBER:
                                                                                                                                                                                                   NUMBER:
                                                                                                                                                                                                                         NUMBER:
                                                                                                                                                                                                                                                  NUMBER:
                                                                                                                                                                                                                                                                         NUMBER:
                                                                                                                                                                                                                                                                                                                      NUMBER:
                                                                                                                                                                                                                                                                                                                                                                   NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-06-04
                                               1998-06-16
                                                                      1998-06-1
                                                                                                                                                                                                             1998-06-1
                                                                                                                                                                                                                                                                                                                                                                                                                           1998-06-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER: 60/088025
1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1998-05-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1998-02-25
                                                                                             1998-06-16
                                                                                                                                                                                                                                                           1998-06-1
                                                                                                                                                                                                                                                                                                                                                                              1998-06-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1998-06-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1998-05-07
                          1998-06-17
                                                                                                                    1998-06-12
                                                                                                                                          1998-06-1
                                                                                                                                                                 1998-06-11
                                                                                                                                                                                       1998-06-
                                                                                                                                                                                                                                    1998-06-10
                                                                                                                                                                                                                                                                                                          1998-06-10
                                                                                                                                                                                                                                                                                                                                 1998-06-10
                                                                                                                                                                                                                                                                                                                                                        1998-06-09
                                                                                                                                                                                                                                                                                                                                                                                                     1998-06-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      60
                                    60/089532
                                                           60/089514
                                                                                                         60
                                                                                                                                                                                                   60/088858
                                                                                                                                                                                                                            6
                                                                                                                                                                                                                                                                         9
                                                                                                                                                                                                                                                                                                                                            60/088734
                                                                                                                                                                                                                                                                                                                                                                   60
                                                                                                                                                                                                                                                                                                                                                                                          60
                                                                                                                                                                                                                                                                                                                                                                                                                                        60
                                                                                                                                                                                                                                                                                                                                                                                                                                                             60/088167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60/088033
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/088030
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       60/088029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60/087827
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60/087759
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60/078910
                                                                                  60/089512
                                                                                                                              60/089105
                                                                                                                                                     60/088876
                                                                                                                                                                            60/088861
                                                                                                                                                                                                                                                60/088824
                                                                                                                                                                                                                                                                                               60/088742
                                                                                                                                                                                                                                                                                                                      60/088738
                                                                                                                                                                                                                                                                                                                                                                                                                 60/088212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60/088326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60/088028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60/088026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/088021
                                                                                                                                                                                                                                                              5
                                                                                                        /089440
                                                                                                                                                                                                                         /088826
                                                                                                                                                                                                                                                                        /088810
                                                                                                                                                                                                                                                                                                                                                                  088655
                                                                                                                                                                                                                                                                                                                                                                                          /088217
                                                                                                                                                                                                                                                                                                                                                                                                                                       /088202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /087609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /087607
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /087106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          084600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /083322
```

Ş 밁 δÃ

밁

0,

```
PRIOR
PRIOR
                                                                           PRIOR
                                                                                                                                        PRIOR
                                                                                                                                                       PRIOR
                                                                                                                                                                     PRIOR
                                                                                                                                                                                    PRIOR
                                                                                                                                                                                                                                               PRIOR
                                                                                                                                                                                                                                                                              PRIOR
                                                                                                                                                                                                                                                                                            PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR
                                                                                                                                                                                                                                                                                                                                         PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR
                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/090542
FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/090557
FILING DATE: 1998-06-24
                                                                                                                                                                    FILING DATE: 1998-06-25
APPLICATION NUMBER: 60/090696
FILING DATE: 1998-06-25
                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 1998-00 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/090444
FILING DATE: 1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 1998-06-23
APPLICATION NUMBER: 60/090355
FILING DATE: 1998-06-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1998-06-19
APPLICATION NUMBER: 60/
FILING DATE: 1998-06-19
APPLICATION NUMBER: 60/
APPLICATION NUMBER: 60/091544 FILING DATE: 1998-07-01 APPLICATION NUMBER: 60/091519
                                                                                                      APPLICATION |
FILING DATE:
                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                               FILING DATE: 1998-00 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/
FILING DATE: 1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 1998-06-22
APPLICATION NUMBER: 60/
FILING DATE: 1998-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/090246
FILING DATE: 1998-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 1998-06-18 APPLICATION NUMBER: 60/089908
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/089653 FILING DATE: 1998-06-17
                                             APPLICATION NUMBER: 60/091478 FILING DATE: 1998-07-02
                                                                                          APPLICATION
                                                                                                                                        FILING DATE:
                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/090690 FILING DATE: 1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/090252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60 FILING DATE: 1998-06-1
                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/090472
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/090435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 1998-06-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LING DATE:
                                                                                          NUMBER:
                                                                                                                        NUMBER:
                                                                                                                                     1998-06-26
                                                                                                                                                                                                                                                                                                                         1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1998-06-19
                                                                                                        1998-06-
                                                                                                                                                                                                                                                                                            1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                    1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-06-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1998-06-2
                                                                           1998-07-01
                                                                                                                                                                                                                                 1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1998-06-
                                                                                          60/091360
                                                                                                                        60/090863
                                                                                                                                                       60/090862
                                                                                                                                                                                                                 60/090695
                                                                                                                                                                                                                                               60/090694
                                                                                                                                                                                                                                                                                                           60/090678
                                                                                                                                                                                                                                                                                                                                         60/090676
                                                                                                                                                                                                                                                                                                                                                                                                                                    60/090540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60/090535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60/090445
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60/090431
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60/090429
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/090349
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            60/090254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      60/089952
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60/089948
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/089947
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60/089907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60/089801
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/089598
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         60/089600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      60/089599
```

```
Prior Application removed -
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 26
LENGTH: 119
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-547-26
                                      RESULT. 4
US-09-989-735-165
; Sequence 165, Application US/09989735
; Publication No. US20020193299A1
; GENERAL INFORMATION:
                                                                                                                                                                       γ
                                                                                                                                                                                                        뮍
                                                                                                                                                                                                                                  δĀ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 3
US-10-063-547-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Q
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   В
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ş
                                                                                                                                               닭
                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 119; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 26, Application US/10063547 Publication No. US20020182638A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR
APPLICANT: Ashkenazi,Avi J.
APPLICANT: Baker,Kevin P.
APPLICANT: Botstein,David
                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/063,547
                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: P3230R1C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES TITLE OF INVENTION: ACIDS ENCODING THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Eaton, Dan L. APPLICANT: Filvaroff, E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OR APPLICATION NUMBER: 60/091626
OR FILING DATE: 1998-07-02
OR APPLICATION NUMBER: 60/091633
OR FILING DATE: 1998-07-02
OR APPLICATION NUMBER: 60/091978
OR FILING DATE: 1998-07-07
OR APPLICATION NUMBER: 60/091982
OR FILING DATE: 1998-07-07
OR APPLICATION NUMBER: 60/092182
OR FILING DATE: 1998-07-09
                                                                                                                                                5
                                                                                                                                                             61 RRKEMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 \vdash
                                                                                                                                                                                                                                   1 MKVLISSLILLLIPIMIMSMVSSSLNPGVARGHRDRGQASRRWLQEGGQECECKDWFLRAP 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1998-07-02
                                                                                                                                                                                                        RRKEMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL
                                                                                                                                             RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            al Similarity
119; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gurney, Austin L. Watanabe, Colin K. Wood, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gerritsen, Mary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Filvaroff, Ellen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Grimaldi,Christopher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Goddard, Audrey
Godowski, Paul
                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                   2002-05-02
oved - See
                                                                                                                                                                                                                                                                              100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Ħ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0;
                                                                                                                                                                                                                                                                  0,
                                                                                                                                                                                                                                                                                                                                                                                                                 File
                                                                                                                                                                                                                                                                              Score 644; DB 9
Pred. No. 2e-56;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 644; DB 9; Pred. No. 2e-56;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ۲.
                                                                                                                                                                                                                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                 Wrapper or
                                                                                                                                                                                                                                                                                              DB 9;
                                                                                                                                                                                                                                                                                                                                                                                                                   Palm
                                                                                                                                                                                                                                                                  0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0;
                                                                                                                                                                                                                                                                                            Length 119;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 119;
                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AND NUCLEIC
                                                                                                                                                                                                                                                                  0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0;
                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             119
```

0

```
APPLICANT: Zhang, Ze
TITLE OF INVENTION: S
TITLE OF INVENTION:
FILE REFERENCE: P2730
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
  PRIOR
                                                                                                        PRIOR
                                                                                                                                        PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                          PRIOR
PRIOR
                                                                                                                                                                                                                                               PRIOR
PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                         PRIOR PRIOR PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                            PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR PRIOR
                                                                                                                             PRIOR
                                                                                                                                                                                                      PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/989,735
CURRENT FILING DATE: 2001-11-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                    PRIOR
                                                                                                                                                                                                                 PRIOR
                                                                                                                                                                                                                                                                                                                                   PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                          RIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                   DR APPLICATION NUMBER: 60/062250
DR FILING DATE: 1997-10-17
DR APPLICATION NUMBER: 60/065186
DR FILING DATE: 1997-11-12
DR APPLICATION NUMBER: 60/065311
DR FILING DATE: 1997-11-13
R APPLICATION N
R FILING DATE:
R APPLICATION N
R FILING DATE:
R APPLICATION N
                                                    R APPLICATION N
FILING DATE:
APPLICATION N
FILING DATE:
                                                                                                                                                 R FILING DATE:
R APPLICATION N
                                                                                                                                                                                                    R APPLICATION N
R FILING DATE:
R APPLICATION N
R FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 1997-11-13
APPLICATION NUMBER: 60/066770
FILING DATE: 1997-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/049787
FILING DATE: 1997-06-16
                                                                                                        FILING DATE: 1998-06-04 APPLICATION NUMBER: 60/
                                                                                                                                                                                 APPLICATION NUMBER: 60/
FILING DATE: 1998-06-04
                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                        FILING DATE: 1998-04-28
APPLICATION
                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: FILING DATE: 1998-02
                                                                                               FILING DATE:
                                                                                                                             FILING DATE: 1998-06-04
APPLICATION NUMBER: 60/
                                                                                                                                                                                                                                                        FILING DATE:
APPLICATION |
                                                                                                                                                                                                                                                                             FILING DATE:
APPLICATION N
                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1998-03 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                               FILING DATE: 1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Watanabe, Colin K...
Williams, P. Mickey
Wood, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gerritsen, Mary E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eaton, Dan L.
Ferrara, Napoleone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tumas,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Roy, Margaret Ann
Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Napier, Mary A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Kljavin, Ivar J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gurney, Austin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Grimaldi, J.Christopher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Godowski, Paul
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Fong, Sherman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Desnoyers, Luc
Eaton, Dan L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Paoni, Nicholas F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pan,James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ION: Secreted and Transmembrane Polypeptides and Nucleic ION: Acids Encoding the Same P2730P1C61
                      NUMBER:
                                NUMBER: 60/
1998-06-04
                                                               NUMBER:
                                                                                    NUMBER:
                                                                                              NUMBER: 60/088029
: 1998-06-04
                                                                                                                                                  NUMBER:
                                                                                                                                                                      NUMBER:
                                                                                                                                                                                                               NUMBER:
                                                                                                                                                                                                                          NUMBER: 60/
: 1998-06-02
                                                                                                                                                                                                                                                         NUMBER:
                                                                                                                                                                                                                                                                   NUMBER: 60/0: 1998-06-02
                                                                                                                                                                                                                                                                                                                       NUMBER: 60/084600
                                                    1998-06-04
                                                                                                                                                                                                     1998-06-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Zemin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Daniel
                                                                          1998-06-04
                                                                                                                                                                                                                                                                                        1998-05-
                                                                                                                                                                                                                                                                                                                                                     1998-03-20
                                                                                                                                                                                                                                                                                                                                                                          1998-02-25
                                                                                                                                                            1998-06-04
                                                                                                                                                                                                                                                                                                             1998-05-07
            1998-06-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2001-11-
                                                                                                                                                                                                                                                                                                                                                               60/078910
                      60/088167
                                         60/088326
                                                              EE0880/09
                                                                                    60/088030
                                                                                                                             60/088028
                                                                                                                                                60/088026
                                                                                                                                                                      60/088025
                                                                                                                                                                                          60/088021
                                                                                                                                                                                                               60/087827
                                                                                                                                                                                                                                    60/087759
                                                                                                                                                                                                                                                        60/087609
                                                                                                                                                                                                                                                                            60/087607
                                                                                                                                                                                                                                                                                                  60/087106
                                                                                                                                                                                                                                                                                                                                                                                     60/075945
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ٦,
                                                              PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR PRIOR PRIOR
         PRIOR PRIOR
                                                                                            PRIOR PRIOR
                                                                                                                                      PRIOR
PRIOR
                                                                                                                                                                                                              PRIOR
PRIOR
                                                                                                                                                                                                                                                                                      PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR PRIOR
                                         PRIOR
                                                                                                                 PRIOR
                                                                                                                             PRIOR
                                                                                                                                                            PRIOR
                                                                                                                                                                       PRIOR
                                                                                                                                                                                PRIOR PRIOR
                                                                                                                                                                                                                                              PRIOR
PRIOR
                                                                                                                                                                                                                                                                 PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                            PRIOR
                                                                                                                                                                                                                                                                                                                                PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                               PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                    PRIOR PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR
                               PRIOR
                                                                                   PRIOR
                                                                                                                                                                                                                                    PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR
                                                                                                                                                                                                      PRIOR
                                                                                                                                                                                                                                                                                                                       PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR
FILING
```

R FILING DATE: 1998-06-22
R FILING DATE: 1998-06-23
R FILING DATE: 1998-06-23
R APPLICATION NUMBER: 60/09
R FILING DATE: 1998-06-24
R FILING DATE: 1998-06-24 R FILING DATE: 1998-06R APPLICATION NUMBER: 6
R FILING DATE: 1998-06
R PAPPLICATION NUMBER: 6 R APPLICATION NUMBER:

R FILING DATE: 1998-06
R APPLICATION NUMBER:

R FILING DATE: 1998-06
R APPLICATION NUMBER: R FILING DATE: 1998-06
R APPLICATION NUMBER:
R FILING DATE: 1998-06
R APPLICATION NUMBER: R FILING DATE: R APPLICATION NI R FILING DATE: R APPLICATION NI R APPLICATION N R FILING DATE: R APPLICATION N R FILING DATE:
R APPLICATION NI
R FILING DATE:
R APPLICATION NI
R FILING DATE: APPLICATION N FILING DATE: APPLICATION N APPLICATION I FILING DATE: APPLICATION I FILING DATE: 1998-06-18 APPLICATION NUMBER: 60/ FILING DATE: 1998-06-18 FILING DATE: 1998-06-16
APPLICATION NUMBER: 60/089532
FILING DATE: 1998-06-17
APPLICATION NUMBER: 60/089538
FILING DATE: 1998-06-17 APPLICATION I FILING DATE: 1998-00 APPLICATION NUMBER: FILING DATE: 1998-0 APPLICATION NUMBER: APPLICATION FILING DATE: FILING DATE: 1998-0 APPLICATION NUMBER: FILING DATE: 1998-0 APPLICATION NUMBER: FILING DATE: APPLICATION | FILING DATE: 1998-06-09 APPLICATION FILING DATE: APPLICATION FILING APPLICATION FILING DATE: APPLICATION FILING DATE: 1998-06-05 APPLICATION NUMBER: DATE: NUMBER: 60/1: 1998-06-19 NUMBER: NUMBER: 60/089440: 1998-06-16 1998-06-11 NUMBER: 60/ : 1998-06-11 NUMBER: NUMBER: NUMBER: 60/1: 1998-06-05 NUMBER: NUMBER: 60/1: 1998-06-19 NUMBER: NUMBER: NUMBER: NUMBER: NUMBER: NUMBER: NUMBER: NUMBER: NUMBER: 1998-06-22 1998-06-22 1998-06-18 1998-06-12 1998-06-10 1998-06-10 1998-06-05 1998-06-24 1998-06-17 1998-06-17 1998-06-1998-06-10 1998-06-1998-06-10 1998-06-10 TMBER: 60/089952 60/090431 60/090355 60/090349 60/090254 60/090252 60/090246 60/089948 60/089947 80/089908 60/089907 60/089801 60/089653 60/089599 60/089598 60/089514 60/089512 60/089105 60/088861 60/088858 60/088824 018880/09 60/088742 60/088734 60/088655 60/088212 60/088826 60/088738 60/088217 /090429

DATE:

1998-06-24

NUMBER:

APPLICATION NUMBER: 6 FILING DATE: 1998-06-

60/090444

```
Sequence 165, Application US/09990444

Publication No. US20020193300A1

GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Beton, Dan L.
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
                                                                                                                      RESULT 5
US-09-990-444-165
                                                                                                                                                                                                                                  В
                                                                                                                                                                                                                                                        δÃ
                                                                                                                                                                              밁
                                                                                                                                                                                                      S
                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 119; Conser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                          PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR
PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR
                                                                                                                                                                              61
                                                                                                                                                                                                      61
                                                                                                                                                                                                                                                                                                                                        R FILING DATE: 19
R APPLICATION NUM
R FILING DATE: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1998-0
APPLICATION NUMBER:
FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 1998-07-02
APPLICATION NUMBER: 60/091978
FILING DATE: 1998-07-07
APPLICATION NUMBER: 60/091982
FILING DATE: 1998-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/091544
FILING DATE: 1998-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 1998-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 6 FILING DATE: 1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/090863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/091519
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                MKVLISSLLLLLPLMLMSMVSSSLNPGVARGHRDRGQASRRWLQEGGQECECKDWFLRAP
                                                                                                                                                                           RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL
                                                                                                                                                                                            RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL
                                                                                                                                                                                                                                                                                 100.0%; llarity 100.0%; Conservative 0
                                                                                                                                                                                                                                                                                                                                                     NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-06-
                                                                                                                                                                                                                                                                                                                                         1998-07-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1998-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1998-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1998-06-26
                                                                                                                                                                                                                                                                                                                                                           MBER: 60/091982
1998-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  -90-866
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     -90-866
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        60/090678
                                                                                                                                                                                                                                                                                                                                                     60/092182
                                                                                                                                                                                                                                                                                                                                                                                                                                  60/091633
                                                                                                                                                                                                                                                                                                                                                                                                                                                           60/091626
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        60/091478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/091360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      60/090862
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/090696
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60/090695
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60/090694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60/090690
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/090676
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60/090557
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60/090542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/090540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60/090535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/090472
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60/090445
                                                                                                                                                                                                                                                                                     0
                                                                                                                                                                                                                                                                                    Score 644; I
Pred. No. 2e-
); Mismatches
                                                                                                                                                                                                                                                                                                2e-56;
                                                                                                                                                                                                                                                                                                                DB
                                                                                                                                                                                                                                                                                                              9
                                                                                                                                                                                                                                                                                     0;
                                                                                                                                                                                                                                                                                                             Length 119;
                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                     0;
                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                              119
                                                                                                                                                                                                                                                           60
                                                                                                                                                                                                                                   60
                                                                                                                                                                                                                                                                                     0;
```

```
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/066770
PRIOR PLIING DATE: 1997-11-24
PRIOR FILING DATE: 1997-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Secreted and Transmembrane TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2730P1C19
CURRENT APPLICATION NUMBER: US/09/990,444
CURRENT FILING DATE: 2001-11-14
                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
APPLICANT:
          PRIOR
PRIOR
PRIOR
PRIOR
                                                                                  PRIOR
                                                                                                               PRIOR PRIOR
                                                                                                                                              PRIOR PRIOR
                                                                                                                                                                            PRIOR
                                                                                                                                                                                                         PRIOR
PRIOR
                                                                                                                                                                                                                                                     PRIOR
                                                                                                                                                                                                                                                                                 PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                            PRIOR
                                                                                                                                                                                                                                                                                                                                                        PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR
                                                                       PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                           PRIOR
                                                                                                                                                                                                                                       PRIOR
                                                                                                                                                                                                                                                                    PRIOR
                                                                                                                                                                                                                                                                                                                                                                                       PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                          R FILING DATE: 1998-03-20
R FILING DATE: 1998-03-20
R APPLICATION NUMBER: 60/08
R APPLICATION NUMBER: 60/08
R APPLICATION NUMBER: 60/07
R FILING DATE: 1998-05-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/0
FILING DATE: 1998-02-25
                                        APPLICATION NUMBER: 60/
FILING DATE: 1998-06-05
                                                                                                                                                                            FILING DATE: 1998-06-04
APPLICATION NUMBER: 60/088029
                                                                                                                                                                                                         FILING DATE: 1998-00 APPLICATION NUMBER:
                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/
FILING DATE: 1998-06-04
                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/
FILING DATE: 1998-06-03
APPLICATION NUMBER: 60/
FILING DATE: 1998-06-04
                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/
FILING DATE: 1998-06-02
APPLICATION NUMBER: 60/
FILING DATE: 1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/
FILING DATE: 1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/
FILING DATE: 1998-05-28
          APPLICATION NUMBER: FILING DATE: 1998-0
                                                                       FILING DATE:
                                                                                   APPLICATION NUMBER:
                                                                                                   FILING DATE:
                                                                                                                 APPLICATION NUMBER:
                                                                                                                                FILING DATE: 1998-06-04
                                                                                                                                              APPLICATION NUMBER: 60/088030
                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Watanabe, Colin K.
Williams, P. Mickey
Wood, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gerber, Hanspeter
Gerritsen, Mary E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gurney, Austin
Kljavin, Ivar J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Roy, Margaret Ann
Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Grimaldi, J.Christopher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Godowski, Paul
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Fong,Sherman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tumas,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Paoni,Nicholas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Napier, Mary A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Zemin
                                                                       1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Daniel
            1998-06-05
                                                                                                    1998-06-04
                                                                                                                                                               1998-06-04
                                                                                                                                                                                                                         1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60/049787
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
                                                                                                                  60/088033
                                                                                                                                                                                                         60/088028
                                                                                                                                                                                                                                     60/088026
                                                                                                                                                                                                                                                                    60/088025
                                                                                                                                                                                                                                                                                                60/088021
                                                                                                                                                                                                                                                                                                                            60/087827
                                                                                                                                                                                                                                                                                                                                                         60/087759
                                                                                                                                                                                                                                                                                                                                                                                       60/087609
                                                                                                                                                                                                                                                                                                                                                                                                                   60/087607
                                                                                                                                                                                                                                                                                                                                                                                                                                               60/087106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            60/084600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       60/083322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      60/078910
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60/075945
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      60/062250
60/088212
                          60/088202
                                                      60/088167
                                                                                     60/088326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ы
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ħ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Nucleic
```

PRIOR

APPLICATION NUMBER: 60/1 FILING DATE: 1998-06-16

APPLICATION

NUMBER:

60/089514 60/089512 60/089440 60/089105 60/088876 60/088861 60/088858 60/088826 60/088824 60/088810 60/088742 60/088738 60/088734 60/088655 60/088217

DATE:

1998-06-17

NUMBER: 60/089538 1998-06-17

FILING DATE: 1998-0 APPLICATION NUMBER: FILING DATE: 1998-00 APPLICATION NUMBER: FILING DATE: 1998-0 APPLICATION NUMBER:

1998-06-12

FILING DATE:

998-06-16

PRIOR

APPLICATION N FILING DATE:

APPLICATION

NUMBER: NUMBER:

.998-06-11

1998-06-11 1998-06-1 APPLICATION NUMBER: 60/ FILING DATE: 1998-06-10 APPLICATION NUMBER: 60 FILING DATE: 1998-06-1

PRIOR

PRIOR

APPLICATION NUMBER: FILING DATE: 1998-00 APPLICATION NUMBER:

1998-06-10

FILING DATE: 1998-01 APPLICATION NUMBER:

NUMBER:

998-06-09

1998-06-10

NUMBER: 60/1: 1998-06-05

FILING DATE:

1998-06-

FILING DATE:

.998-06-10

```
RESULT 6
US-09-989-730-165
                                                                                                                                                                                                         Š
                                                                                                                                                                                                                                  닭
                                                                                                                                                                                                                                                       Ş
                                                                                                                                                                                                                                                                              Query Match
Best Local S
Matches 119
                                                                                                  Sequence 165, Application US/09989730 Publication No. US20020197674A1 GENERAL INFORMATION:
                                                                   APPLICANT:
APPLICANT:
APPLICANT:
                                             APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                            PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR
PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR PRIOR
                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR
                       APPLICANT
            APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR
                                                                                                                                                                                     61
                                                                                                                                                                                                          61
                                                                                                                                                                                                                                                        Ц
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       R FILING DATE: 1998-06-25
R APPLICATION NUMBER: 60/01
R FILING DATE: 1998-06-26
R FILING DATE: 1998-06-26
R FILING DATE: 1998-06-26
                                                                                                                                                                                                                                 ш
                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/091982
FILING DATE: 1998-07-07
APPLICATION NUMBER: 60/092182
FILING DATE: 1998-07-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/091360 FILING DATE: 1998-07-01 APPLICATION NUMBER: 60/091478
                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/091978 FILING DATE: 1998-07-07
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/091633 FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60, FILING DATE: 1998-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/
FILING DATE: 1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/
FILING DATE: 1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                               MKVLISSLLLLLPLMIMSMVSSSLNPGVARGHRDRGQASRRWLQEGGQECECKDWFLRAP 60
                                                                                                                                                                                 119;
                                                                                                                                                                                                                                                                                          Similarity
                                                                                           Ashkenazi, Avi J.
                                                                    Baker, Kevin P. Botstein, David
Gerritsen, Mary
          Fong, Sherman
Gerber, Hanspeter
                                  Ferrara, Napoleone
                                             Eaton, Dan L.
                                                        Desnoyers,Luc
                                                                                                                                                                                                                                                                              100.0%; ilarity 100.0%; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                    60/091626
                                                                                                                                                                                                                                                                                                                                                                                                                                                          60/091519
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60/091544
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60/090862
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/090696
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        60/090695
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       60/090690
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60/090678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/090863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/090694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60/090676
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60/090557
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60/090542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         60/090540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        60/090472
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/090535
                                                                                                                                                                                                                                                                               0;
                                                                                                                                                                                                                                                                                        Score 644; DB 9
Pred. No. 2e-56;
                                                                                                                                                                                                                                                                              Mismatches
                                                                                                                                                                                                                                                                                                     9
                                                                                                                                                                                                                                                                               0
                                                                                                                                                                                                                                                                                                    Length
                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                     119;
                                                                                                                                                                                                                                                                              0;
                                                                                                                                                                                                                                                                             Gaps
```

PRIOR PRIOR PRIOR PRIOR

FILING DATE: 1996 . 60/(
APPLICATION NUMBER: 60/(
APPLICATION NUMBER: 60/(

FILING DATE:
APPLICATION N

NUMBER:

R FILING DATE: R APPLICATION N R FILING DATE:

NUMBER: 60/0 E: 1998-06-24

1998-06-23 1998-06-23

NUMBER:

1998-06-24

APPLICATION NUMBER:

FILING DATE: APPLICATION N APPLICATION

FILING DATE:

NUMBER: 60/ : 1998-06-24 NUMBER:

APPLICATION I

998-06-24

60/090444 60/090435 60/090431 60/090429 60/090355 60/090349 60/090254 60/090252 60/090246 60/089952 60/089948 60/089947 806680/09 60/089907 60/089801

PRIOR PRIOR PRIOR PRIOR

APPLICATION N
FILING DATE:
APPLICATION N
FILING DATE:

NUMBER: NUMBER:

1998-06-22

FILING DATE:

1998-06-19

PRIOR

APPLICATION NUMBER: 60/0 FILING DATE: 1998-06-19 APPLICATION NUMBER: 60/0

FILING DATE: 1998-0 APPLICATION NUMBER:

APPLICATION FILING DATE: APPLICATION NUMBER:

NUMBER:

1998-06-18

1998-06-18

0;

FILING DATE: 1998-06-19

PRIOR

FILING APPLICATION

DATE:

1998-06-18

60/089600 6-17

1998-06-17

APPLICATION NUMBER: FILING DATE: FILING DATE: 1998-06 APPLICATION NUMBER: APPLICATION NUMBER: APPLICATION NUMBER: FILING DATE: 1998-06-16

60/089599

моти 1998-06-17

APPLICATION NUMBER: 60/089653 FILING DATE: 1998-06-17

NUMBER:

```
PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                              PRIOR
                                                                                                                                                                                                                                                                PRIOR
                                                                                                                                                                                                                                                                                PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT FILING DATE: 2001-11
PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 1997-10-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/989,730 CURRENT FILING DATE: 2001-11-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2730p1C69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PPLICANT
                                                                                                                                                                                                                                                                                           OR FILING DATE: 1998-06-03
OR APPLICATION NUMBER: 60/088021
OR FILING DATE: 1998-06-04
OR APPLICATION NUMBER: 60/088025
OR FILING DATE: 1998-06-04
OR APPLICATION NUMBER: 60/088026
OR FILING DATE: 1998-06-04
OR APPLICATION NUMBER: 60/088028
OR FILING DATE: 1998-06-04
OR FILING DATE: 1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DR APPLICATION NUMBER: 60/078910

R FILING DATE: 1998-03-20

DR APPLICATION NUMBER: 60/083322

DR FILING DATE: 1998-04-28

DR APPLICATION NUMBER: 60/084600

DR FILING DATE: 1998-05-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DR APPLICATION NUMBER: 60/065311

R FILING DATE: 1997-11-13

DR APPLICATION NUMBER: 60/066770

DR FILING DATE: 1997-11-24

DR APPLICATION NUMBER: 60/075945

OR FILING DATE: 1998-02-25
                                                                                                                                                       FILING DATE: 1998-0
APPLICATION NUMBER:
FILING DATE: 1998-0
                                                                                                                                                                                    APPLICATION NUMBER: 60/
                                                APPLICATION NUMBER: 60/
FILING DATE: 1998-06-05
                                                                                    APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                       APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/0
FILING DATE: 1998-06-04
                                                                                                                                                                                                                          FILING DATE: 1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
FILING DATE: 1998-0
APPLICATION NUMBER:
                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/087106
FILING DATE: 1998-05-28
APPLICATION NUMBER: 60/087607
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/1
FILING DATE: 1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 1997-10-17
APPLICATION NUMBER: 60/065186
FILING DATE: 1997-11-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Watanabe, Colin K. Williams, P. Mickey Wood, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Goddard, Audrey
Godowski, Paul J.
Grimaldi, J.Christopher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Paoni
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Kljavin, Ivar J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gurney, Austin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Napier, Mary A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER: 60/UE: 1998-06-02
                                  NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      i, Nicholas F.
Margaret Ann
                                                                                   1998-06-05
                                                                                                                       1998-06-05
                                                                                                                                                         1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1998-06-02
                   1998-06-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Zemin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Timothy A.
                              60/088217
60/088655
                                                                60/088212
                                                                                                   60/088202
                                                                                                                                     60/088167
                                                                                                                                                                       60/088326
                                                                                                                                                                                                        60/088033
                                                                                                                                                                                                                                          60/088030
                                                                                                                                                                                                                                                                           60/088029
                                                                                                                                                                                                                                                                                                                                                                                                                                               60/087827
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60/087609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/087759
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/062250
0-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60/049787
```

PRIOR OR FILING DATE: 1998-66-22
OR APPLICATION NUMBER: 60/09
OR FILING DATE: 1998-66-23
OR APPLICATION NUMBER: 60/09
OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/09 OR APPLICATION NUMBER: 60/089948
OR FILING DATE: 1998-06-19
OR APPLICATION NUMBER: 60/089952
OR FILING DATE: 1998-06-19
OR APPLICATION NUMBER: 60/090246
OR FILING DATE: 1998-06-22 R FILING DATE:
R APPLICATION N
R FILING DATE:
R APPLICATION N
R FILING DATE:
R APPLICATION N
R FILING DATE: DR APPLICATION NUMBER: 60/089598
DR FILING DATE: 1998-06-17
DR APPLICATION NUMBER: 60/089599
DR FILING DATE: 1998-06-17
DR APPLICATION NUMBER: 60/089600
DR FILING DATE: 1998-06-17 R APPLICATION NUMBER: (
R FILING DATE: 1998-06
R APPLICATION NUMBER: (
R FILING DATE: 1998-06
R APPLICATION NUMBER: (APPLICATION NUMBER: 60/ FILING DATE: 1998-06-24 APPLICATION NUMBER: 60/090252 FILING DATE: 1998-06-22 APPLICATION NUMBER: 60/090254 APPLICATION NUMBER: FILING DATE: 1998-08 APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER: FILING DATE: 1998-0 APPLICATION NUMBER: FILING DATE: 1998-0 FILING DATE: APPLICATION NUMBER: APPLICATION NUMBER: 60/ FILING DATE: 1998-06-11 FILING DATE: APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER: APPLICATION NUMBER: FILING DATE: 1998-00 FILING DATE: APPLICATION APPLICATION NUMBER: FILING DATE: 1998-0 FILING DATE: 1998-06-10
APPLICATION NUMBER: 60/088824 FILING DATE: FILING DATE: APPLICATION NUMBER: APPLICATION NUMBER: APPLICATION NUMBER: APPLICATION NUMBER: NUMBER: 60/CE: 1998-06-24 NUMBER: 60/090472 : 1998-06-24 1998-06-24 1998-06-17 NUMBER: 60/ : 1998-06-16 1998-06-1998-06-18 1998-06-18 1998-06-1998-06-17 1998-06-16 1998-06-16 1998-06-1 1998-06-11 1998-06-10 -90-8661 1998-06-1 1998-06-10 1998-06-10 1998-06-1998-06-09 1998-06-10 60/090445 60/090444 60/090431 60/090429 60/090355 60/090435 60/090349 806680/09 60/089907 60/089947 60/089801 60/089538 5-17 60/089532 60/089514 60/089512 60/089440 60/088876 60/089105 60/088861 60/088826 60/088858 60/088810 60/088742 60/088734

60/090535

```
밁
                                                                                                                                                                                                                                      Š
                                                                                                                                                                                                                                                             밁
                                                                                                                                                                                                                                                                                 Š
                                                                           GENERAL INFO
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 119; Conserv
                      APPLICANT:
APPLICANT:
APPLICANT:
 APPLICANT:
APPLICANT:
                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                   PRIOR
                                                                                                                                                                                                                                         61
                                                                                                                                                                                                                  61
                                                                                                                                                                                                                                                                                                                                                                  APPLICATION |
FILING DATE:
APPLICATION |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION N
APPLICATION N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION N
FILING DATE:
APPLICATION N
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             R FILING DATE:
R APPLICATION N
R FILING DATE:
R APPLICATION N
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/091626
APPLICATION NUMBER: 60/091626
FILING DATE: 1998-07-02
APPLICATION NUMBER: 60/091633
                                                                                                                                                                                                                                                                                                                                                        FILING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: APPLICATION !
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION |
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION |
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION |
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING
                                                                                                                                                                                                                             RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL
                                                                                                                                                                                                                                                           MKVLISSLLLLLPLMLMSMYSSSLNPGVARGHRDRGQASRRWLQEGGQECECKDWFLRAP
                                                                                                                                                                                                                RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL
                                                                                                   Ashkenazi, Avi J.
Baker, Kevin P.
Botstein, David
Grimaldi, J.Christopher
                               Gerber, Hanspeter
Gerritsen, Mary E.
                                                               Eaton, Dan L.
Ferrara, Napoleone
         Goddard, Audrey
Godowski, Paul J.
                                                       Fong, Sherman
                                                                                       Desnoyers, Luc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DATE:
                                                                                                                                                        Application US/09990436
                                                                                                                                                                                                                                                                                                                                                        DATE:
                                                                                                                                                                                                                                                                                                                                                                             DATE:
                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                               US20020198148A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER: 60/
: 1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                        NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER: 60/091978: 1998-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER: 60/091478: 1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER: 60/
: 1998-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER: 60/090862
: 1998-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER: 60/090676
                                                                                                                                                                                                                                                                                                                                                                   NUMBER: 60/092182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER: 60/091544
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER: 60/090696
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER: 60/090690
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER: 60/090542
                                                                                                                                                                                                                                                                                                                                                       1998-07-09
                                                                                                                                                                                                                                                                                                                                                                            1998-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                         1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1998-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1998-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1998-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1998-06-25
                                                                                                                                                                                                                                                                                                                     100.0%;
                                                                                                                                                                                                                                                                                                                                                                                       _60/091982
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        60/090863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           873060769
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60/091519
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60/090694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/091360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60/090695
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         60/090557
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /090540
                                                                                                                                                                                                                                                                                                         0;
                                                                                                                                                                                                                                                                                                                  Score 644; DB 9
Pred. No. 2e-56;
                                                                                                                                                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                               9;
                                                                                                                                                                                                                                                                                                         0;
                                                                                                                                                                                                                                                                                                                               Length 119;
                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                         0;
                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                             60
                                                                                                                                                                                                                                                                                  60
                                                                                                                                                                                                                                                                                                         0;
```

```
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR TILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR APPLICATION NUMBER: 60/065286
PRIOR FILING DATE: 1997-10-17
PRIOR PRICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
  PRIOR PRIOR
                               PRIOR PRIOR PRIOR
                                                                       PRIOR
                                                                                                    PRIOR PRIOR
                                                                                                                                PRIOR
PRIOR
PRIOR
                                                                                                                                                                          PRIOR
                                                                                                                                                                                                     PRIOR PRIOR
                                                                                                                                                                                                                                  PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                    PRIOR
                                                                                        PRIOR
                                                                                                                                                                                         PRIOR
                                                                                                                                                                                                                                                                                                                                                                  PRIOR
                                                                                                                                                                                                                                                                                                                                                                                             PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: P2730P1C14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DR APPLICATION NUMBER: 60/078910

DR FILING DATE: 1998-03-20

R APPLICATION NUMBER: 60/083322

R FILING DATE: 1998-04-28

DR APPLICATION NUMBER: 60/084600

R FILING DATE: 1998-05-07
R FILING DATE: 1998-06-05
R FILING DATE: 1998-06-05
R FILING DATE: 1998-06-09
R APPLICATION NUMBER: 60/0
R APPLICATION NUMBER: 60/0
                                                                                                                                                                                                                                                                                                     R FILING DATE: 1998-06
R APPLICATION NUMBER:
R FILING DATE: 1998-06
R APPLICATION NUMBER:
R FILING DATE: 1998-06
R APPLICATION NUMBER:
                                                                                                                               APPLICATION N
FILING DATE:
APPLICATION N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/
FILING DATE: 1997-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60 FILING DATE: 1997-11-
                                                                         APPLICATION
                                                                                        FILING DATE:
                                                                                                    FILING DATE:
APPLICATION
                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                         APPLICATION
                                                                                                                                                                                                     APPLICATION |
FILING DATE:
                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                               APPLICATION
                                                                                                                                                                                                                                                                          FILING DATE:
APPLICATION |
                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/087827
                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/
FILING DATE: 1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/
FILING DATE: 1998-05-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/075945
FILING DATE: 1998-02-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/990,436
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Paoni, Nichoca
Roy, Margaret Ann
Stewart, Timothy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Watanabe, Colin Williams, P. Mic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Tumas,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gurney, Austin
Kljavin, Ivar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Napier, Mary A.
                                                                         NUMBER:
                                                                                                    NUMBER:
                                                                                                                                NUMBER:
                                                                                                                                                                                         NUMBER:
                                                                                                                                                                                                     NUMBER: 60/
: 1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            William
                                                                                                                                                           NUMBER:
                                                                                                                                                                                                                                               NUMBER:
                                                                                                                                                                                                                                                                             NUMBER:
                                                                                        1998-06-05
                                                                                                                                                                          1998-06-04
                                                                                                                                                                                                                                  1998-06-04
                                                                                                                 1998-06-05
                                                                                                                                                                                                                                                              1998-06-04
                                                                                                                                                                                                                                                                                          1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Daniel
                                                                                                                                              1998-06-04
                                                                                                                                                                                                                                                                                                                     1998-06-04
                                                                                                                                                                                                                                                                                                                                                  1998-06-04
                                                                                                                                                                                                                                                                                                                                                                              1998-06-03
                                                                                                                                                                                                                                                                                                                                                                                                            1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        P. Mickey
                                                                                                    60,
                                                                                                                                                                                                                                                                                                                                                                                                                        60/087759
                60/088655
                                                                         60/088212
                                                                                                                                60
                                                                                                                                                                                                                                                                                                         60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/087607
                                                                                                                                                           60/088326
                                                                                                                                                                                        60/088033
                                                                                                                                                                                                                    60/088030
                                                                                                                                                                                                                                               60/088029
                                                                                                                                                                                                                                                                            60/088028
                                                                                                                                                                                                                                                                                                                                                               60/088021
                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/087609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            60/087106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       60/066770
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60/065311
                                                                                                                                                                                                                                                                                                                                   60/088025
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        7
                                            /088217
                                                                                                    /088202
                                                                                                                               088167
                                                                                                                                                                                                                                                                                                        /088026
```

APPLICATION | FILING DATE:

NUMBER: 60/ : 1998-06-10

APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER:

1998-06-1998-06-

018880/09 60/088824

60/088742 60/088738

1-90-866

```
RESULT 8
US-09-991-181-165
                                                                                                                                                                                                                                                                                   밁
                                                                                                                                                                                                                                                                                                           ğ
                                                                                                                                                                                                                                                                                                                                      밁
                                                                                                                                                                                                                                                                                                                                                            δÃ.
                                                                                                                                      APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                            GENERAL
                                                                                                                                                                                                      Sequence 165, A Publication No.
                                                  APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 119; Conserv
                           APPLICANT:
APPLICANT:
                APPLICANT
                                                                                        APPLICANT:
                                                                                                    APPLICANT:
                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR
                                                                                                                                                                                                                                                                     OR APPLICATION NUMBER: 60/091478
OR FILING DATE: 1998-07-02
OR APPLICATION NUMBER: 60/091544
OR FILING DATE: 1998-07-01
OR APPLICATION NUMBER: 60/091519
OR FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                        FILING DATE: 1998-07-07
APPLICATION NUMBER: 60/FILING DATE: 1998-07-07
APPLICATION NUMBER: 60/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1998-07
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 1998-06
APPLICATION NUMBER:
                                                                                                                                                                                        INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/091626
FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/
FILING DATE: 1998-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 1998-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/
FILING DATE: 1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 1998-00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/0
FILING DATE: 1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 1998-06-APPLICATION NUMBER: 6
FILING DATE: 1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
            Gerrics,
Goddard, Audrey
Godowski, Paul J.
Grimaldi, J.Christopher
                                                                                                                                                             Ashkenazi, Avi J.
Baker, Kevin P.
                                                                      Fong, Sherman
Gerber, Hanspeter
Gerritsen, Mary E
         Gurney, Austin
Kljavin, Ivar j
Napier, Mary
                                                                                                            Ferrara, Napoleone
                                                                                                                           Eaton, Dan
                                                                                                                                                 Botstein, David
                                                                                                                                      Desnoyers, Luc
                                                                                                                                                                                                  Application US/09991181
D. US20020197615A1
                                                                                                                                                                                                                                                                                                                                                                                100.0%; illarity 100.0%; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                    1998-07-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1998-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                             60/092182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       60/091982
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/091978
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        60/091633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60/091360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60/090863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60/090862
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60/090696
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60/090695
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/090694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      60/090690
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60/090678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60/090676
                                                                                                                                                                                                                                                                                                                                                                            Score 644; DB 9;
Pred. No. 2e-56;
0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                       DB 9;
                                                                                                                                                                                                                                                                                                                                                                               ç
                                                                                                                                                                                                                                                                                                                                                                                                    Length 119;
                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                          0,
```

Gaps 60 60

0

OR APPLICATION NUMBER: 60/089599
R FILING DATE: 1998-06-17
DR APPLICATION NUMBER: 60/089600
OR FILING DATE: 1998-06-17
R APPLICATION NUMBER: 60/089653
OR FILING DATE: 1998-06-17
DR APPLICATION NUMBER: 60/089801
DR FILING DATE: 1998-06-18
DR FILING DATE: 1998-06-18

FILING DATE: 1998-00 APPLICATION NUMBER: FILING DATE: 1998-00

NUMBER: 60/089598 1998-06-17

FILING DATE: 1998-00-1,
APPLICATION NUMBER: 60/089538
TTUE DATE: 1998-06-17

APPLICATION NUMBER: 60/ FILING DATE: 1998-06-17 FILING DATE: 1998-06-16

60/089532

APPLICATION NUMBER: 60/089440
FILING DATE: 1998-06-16
APPLICATION NUMBER: 60/089512
FILING DATE: 1998-06-16
APPLICATION NUMBER: 60/089514

APPLICATION NUMBER: 60/089105

1998-06-11

60/088876

FILING DATE: 1998-06-1

APPLICATION NUMBER: FILING DATE: 1998-0

APPLICATION NUMBER: 60/088861 FILING DATE: 1998-06-11

APPLICATION NUMBER: 60 FILING DATE: 1998-06-

60/088858 60/088826

APPLICATION NUMBER: FILING DATE: 1998-0 APPLICATION NUMBER: FILING DATE: 1998-0 FILING DATE:

1998-06-

R APPLICATION NUMBER: 60/01
B FILING DATE: 1998-06-18
R APPLICATION NUMBER: 60/01
R FILING DATE: 1998-06-18
R APPLICATION NUMBER: 60/01

PRIOR PRIOR PRIOR

APPLICATION NUMBER: FILING DATE: 1998-0. APPLICATION NUMBER:

1998-06-24 1998-06-24

FILING DATE: 1998-06-24 APPLICATION NUMBER: 60/ FILING DATE: 1998-06-24 APPLICATION NUMBER: APPLICATION NUMBER: 60/ FILING DATE: 1998-06-24

FILING DATE: 1998-06-23 APPLICATION NUMBER: 60/090429

FILING DATE:

1998-06-24

FILING DATE: 1998-06-APPLICATION NUMBER: 6
FILING DATE: 1998-06-

60/090535 60/090472 60/090445 60/090444 60/090435 60/090431 OR PILING DATE: 1998-06-19
OR APPLICATION NUMBER: 60/089948
OR FILING DATE: 1998-06-19
OR APPLICATION NUMBER: 60/089952
OR FILING DATE: 1998-06-19
OR APPLICATION NUMBER: 60/090246
OR FILING DATE: 1998-06-22
OR APPLICATION NUMBER: 60/090252
OR APPLICATION NUMBER: 60/090252
OR APPLICATION NUMBER: 60/090254
OR APPLICATION NUMBER: 60/090349
OR FILING DATE: 1998-06-23
OR FILING DATE: 1998-06-23
OR APPLICATION NUMBER: 60/090349
OR APPLICATION NUMBER: 60/090355
OR APPLICATION NUMBER: 60/090355

...имыек: 60/089948 1998-06-19

60/089947 806680/09 60/089907

```
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, p. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and TI
                                                                                                PRIOR PRIOR
                                                                                                                                                                   PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
APPLICANT:
APPLICANT:
                                                                                      PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT FILING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DR FILING DATE: 1997-06-16
R APPLICATION NUMBER: 60/062250
DR FILING DATE: 1997-10-17
DR APPLICATION NUMBER: 60/065186
DR FILING DATE: 1997-11-12
DR APPLICATION NUMBER: 60/065311
DR APPLICATION NUMBER: 60/065311
DR APPLICATION NUMBER: 60/065311
  R FILING DATE:
R APPLICATION N
FILING DATE:
APPLICATION N
FILING DATE:
APPLICATION N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE:
                                                                                               R FILING DATE:
R APPLICATION N
R FILING DATE:
R APPLICATION N
FILING DATE:
                                                                                                                                                    APPLICATION N
FILING DATE:
APPLICATION N
FILING DATE:
APPLICATION N
FILING DATE:
                                                                                                                                                                                                                                                             R FILING DATE:
APPLICATION N
FILING DATE:
APPLICATION N
FILING DATE:
APPLICATION N
APPLICATION N
                                                                                                                                                                                                                                                                                                                                                           APPLICATION |
FILING DATE:
APPLICATION |
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION |
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 1998-06 APPLICATION NUMBER: FILING DATE: 1998-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/087106
FILING DATE: 1998-05-28
APPLICATION NUMBER: 60/087607
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/
FILING DATE: 1997-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/049787
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION |
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION |
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 1998-0 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/083322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 1998-02-25
APPLICATION NUMBER: 60/078910
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/075945
                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                    APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/991,181 FILING DATE: 2001-11-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Paoni,
Roy, M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pan, James
Paoni, Nicholas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ION: Acids P2730P1C53
                                         NUMBER: 60/0
E: 1998-06-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Margaret Ann
art, Timothy A.
                                                                                                                          NUMBER: 60/088212
: 1998-06-05
                                                                                                                                                                                                                                                                                        NUMBER: 60/088029: 1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER: 60/087827: 1998-06-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER:
                                                                                   NUMBER:
                                                                                                                                                                   NUMBER: 60/088202
                                                                                                                                                                                              NUMBER:
                                                                                                                                                                                                                         NUMBER:
                                                                                                                                                                                                                                                 NUMBER: 60/088033
                                                                                                                                                                                                                                                                             NUMBER:
                                                                                                                                                                                                                                                                                                                                  NUMBER:
                                                                                                                                                                                                                                                                                                                                                             NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                      NUMBER:
                                                                     1998-06-09
                                                                                                                                                                                                                                                                                                                                                                                                   1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                       1998-06-02
                                                                                                 1998-06-05
                                                                                                                                                    1998-06-05
                                                                                                                                                                               1998-06-05
                                                                                                                                                                                                          1998-06-04
                                                                                                                                                                                                                                     1998-06-04
                                                                                                                                                                                                                                                             1998-06-04
                                                                                                                                                                                                                                                                                                                   1998-06-04
                                                                                                                                                                                                                                                                                                                                              1998-06-04
                                                                                                                                                                                                                                                                                                                                                                        1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1998-03-
                  1998-06-1
                                                          60/088734
                                                                                                              60/088217
                                                                                                                                                                                                                                                                                                                                                           60/088026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60/084600
                               60/088738
                                                                                                                                                                                                                       60/088326
                                                                                                                                                                                                                                                                                                                                60/088028
                                                                                                                                                                                                                                                                                                                                                                                     60/088025
                                                                                      60
                                                                                                                                                                                           60/088167
                                                                                                                                                                                                                                                                            60/088030
                                                                                                                                                                                                                                                                                                                                                                                                                60/088021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60/087759
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60/087609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         60/066770
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ·33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ed and Transmembrane
Encoding the Same
                                                                                   /088655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Nucleic
                                                                                  PRIOR PRIOR
                                                       PRIOR
                                                                                                                                                    PRIOR
                                                                                                                                                                                                                                                                                                                                              PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR
                                                                                                             PRIOR
                                                                                                                                        PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR
                                                                                                                                                                                                                   R FILING DATE: 1998-06-22
R APPLICATION NUMBER: 60/09
R FILING DATE: 1998-06-23
R APPLICATION NUMBER: 60/09
R FILING, DATE: 1998-06-23
R APPLICATION UMBER: 60-23
R FILING DATE: 1998-06-24
? FILING DATE:
? APPLICATION N
? FILING DATE:
? APPLICATION N
? FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 R FILING DATE:
R APPLICATION N
R FILING DATE:
                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE: 1998-0.
APPLICATION NUMBER:
                                                       APPLICATION NUMBER: 60/
FILING DATE: 1998-06-24
                                                                                                             FILING DATE:
                                                                                                                       FILING DATE: 1998-0
APPLICATION NUMBER:
                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 1998-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 1998-06-17
APPLICATION NUMBER: 60/
FILING DATE: 1998-06-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1998-06-12
APPLICATION NUMBER: 60/089440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                  FILING DATE:
                                                                                                APPLICATION
                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 1998-06-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE: 1998-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1998-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60/089599
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 1998-08
                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 1998-06-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 1998-06-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DATE:
                                                                                  NUMBER: 60/
: 1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER: 60/1: 1998-06-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1998-06-17
                                                                                                                                        1998-06-24
                                                                                                             1998-06-
                                                                                                                                                                 1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER: 60/089948
1998-06-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1998-06-17
                                                                                                                                                                                            1998-06-24
                                                                                                                                                                                                                                                                                                                               1998-06-22
                                                                                                                                                                                                                                                                                                                                                          1998-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1998-06-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1998-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1998-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1998-06-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-06-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1998-06-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-06-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1998-06-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1998-06-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1998-06-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1998-06-10
                             1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MBER: 60/088826
998-06-10
                                                                                                                                                                                                                                                                                                                   60
                                                                                                                                                                                                                                                                                                                                                                                                 60/089952
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            60
                                          60/090540
                                                                                               60/090472
                                                                                                                                                   60/090444
                                                                                                                                                                              60/090435
                                                                                                                                                                                                         60/090431
                                                                                                                                                                                                                                   60/090429
                                                                                                                                                                                                                                                                                                                                           60/090252
                                                                                                                                                                                                                                                                                                                                                                      60/090246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .60/089908
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       60/089801
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60/089512
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60/089105
                                                                    60/090535
                                                                                                                                                                                                                                                             60/090355
                                                                                                                                                                                                                                                                                        60/090349
                                                                                                                                                                                                                                                                                                                                                                                                                                                      60/089947
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60/089653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60/089600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/089598
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      60/089532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/089514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        60/088876
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60/088861
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60/088858
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60/088824
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/088810
                                                                                                                        /090445
                                                                                                                                                                                                                                                                                                                  /090254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /089907
```

Stewart,

```
Q
                                                                                                                                                                                                                                                                                                                                                                                                        밁
                                                                                                                                                                                                                                                                                         US-09-993-687-165
                                                                                                                                                                                                                                                                                                                                                  밁
                                                                                                                                                                                                                                                                                                                                                                                                                               Š
                                                                                                                                                                                                                                                                                                         RESULT
                                                                                                                                                                                                                                                 Sequence 165, Applic Publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query
Best I
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                               APPLICANT: APPLICANT:
                                                                                                                                                                                                         APPLICANT:
                                                                  APPLICANT:
                                                                                  APPLICANT:
                                                                                                                                                       APPLICANT:
                                                                                                                                                                  APPLICANT:
                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                     APPLICANT:
                                           APPLICANT:
                                                        APPLICANT:
                                                                                                                           APPLICANT:
                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR
                                                                                                                                                                                                                                                                                                                                                  61
                                                                                                                                                                                                                                                                                                                                                                            61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local
                                                                                                                                                                                                                                                                                                                                                                                                                                μ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/091633
FILING DATE: 1998-07-02
APPLICATION NUMBER: 60/091978
FILING DATE: 1998-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1998-07-01
APPLICATION NUMBER: 60/
FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                                         RRKEMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/092182 FILING DATE: 1998-07-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60/091982
FILING DATE: 1998-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/091626
FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                             MKVLISSLLLLLPLMLMSMVSSSLNPGVARGHRDRGQASRRWLQEGGQECECKDWFLRAP 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1998-00 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/090862
FILING DATE: 1998-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1998-01
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/
FILING DATE: 1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                               MKVLISSLLLLLPLMLMSMVSSSLNPGVARGHRDRGQASRRWLQEGGQECECKDWFLRAP 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/090690
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1998-06
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/
FILING DATE: 1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                          al Similarity
119; Conserv
                                                                                                                                                                                                                     Ashkenazi, Avi J.
Baker, Kevin P.
                                                    Gurney, Austin L
Kljavin, Ivar J.
                                                                            Grimaldi, J.Christopher
                                                                                           Goddard, Audrey
Godowski, Paul J.
                                                                                                                     Gerritsen, Mary E.
                        Pan, James
                                     Napier, Mary A.
                                                                                                                                    Gerber, Hanspeter
                                                                                                                                                    Fong, Sherman
                                                                                                                                                               Ferrara, Napoleone
                                                                                                                                                                               Eaton, Dan L.
              Paoni,
                                                                                                                                                                                         Desnoyers, Luc
                                                                                                                                                                                                      Botstein, David
                                                                                                                                                                                                                                                              Application US/09993687
D. US20020198149A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
Margaret Ann
             Nicholas F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER: 60/091478
1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1998-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1998-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          .998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60/091519
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60/091544
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/091360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60/090863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/090696
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60/090695
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       60/090694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60/090678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       60/090676
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/090557
                                                                                                                                                                                                                                                                                                                                                                                                                                                       0
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 644; DB 9
Pred. No. 2e-56;
Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                       0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                119;
                                                                                                                                                                                                                                                                                                                                                                                                                                                      0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                     119
                                                                                                                                                                                                                                                                                                                                                                                                                                                   0;
```

```
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILLING DATE: 1997-06-16
PRIOR PELLIAGION NUMBER: 60/062250
PRIOR FILLING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILLING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILLING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILLING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR APPLICATION NUMBER: 60/075945
                                                                                                                                                                                                                                        PRIOR PRIOR
                                                                                                                                                                                                                                                                                                          PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR
                                                                                                                                                                                                                                                                                                                                                                                 PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/993,687
CURRENT FILING DATE: 2002-11-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
DR APPLICATION NUMBER: 6
DR FILING DATE: 1998-06-
DR APPLICATION NUMBER: 6
DR APPLICATION NUMBER: 6
DR APPLICATION OF THE PROPERTY OF THE PROPERT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/088033
FILING DATE: 1998-06-04
APPLICATION NUMBER: 60/088326
FILING DATE: 1998-06-04
APPLICATION NUMBER: 60/088167
                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60, FILING DATE: 1998-06-0
                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/088217 FILING DATE: 1998-06-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 1998-06-05
APPLICATION NUMBER: 60/088202
FILING DATE: 1998-06-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 1998-06-04
APPLICATION NUMBER: 60/
FILING DATE: 1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/
FILING DATE: 1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/
FILING DATE: 1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1998-06-03
APPLICATION NUMBER: 60/
FILING DATE: 1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/087827
                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/087759 FILING DATE: 1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/
FILING DATE: 1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/083322 FILING DATE: 1998-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 1998-02-25
APPLICATION NUMBER: 60/
FILING DATE: 1998-03-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 1998-05-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     P2730P1C11
       NUMBER: 60/
: 1998-06-10
                                                                      1998-06-10
                                                                                                                                  1998-06-10
                                                                                                                                                                                                 1998-06-10
                                                                                                                                                                                                                                                                       1998-06-09
                                                                                                                                                                                                                                                                                                                                       1998-06-05
                                                                                                                                                                                                                                                                                                                                                                                                      1998-06-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1998-06-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Timothy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            P. Mickey
                                      60/088810
                                                                                                                                                                 60/088738
                                                                                                     60/088742
                                                                                                                                                                                                                                    60/088734
                                                                                                                                                                                                                                                                                                                                                                                                                                     60/088212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/088029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60/088030
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60/087607
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60/088028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60/088026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/088025
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60/088021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/087609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60/087106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/084600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        60/078910
                                                                                                                                                                                                                                                                                                   /088655
```

\ \ \ .

```
PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
                                      PRIOR
                                                                                                                                                                                                       PRIOR PRIOR
OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/09
OR APPLICATION NUMBER: 60/09
OR APPLICATION NUMBER: 60/09
OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/09
OR APPLICATION NUMBER: 60/09
OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/09
OR FILING DATE: 1998-06-24
                                                                                                                                                                                                                                                                                                                                       DR FILING DATE: 1998-06-22

R APPLICATION NUMBER: 60/090254

DR FILLING DATE: 1998-06-22

DR APPLICATION NUMBER: 60/090349

DR FILING DATE: 1998-06-23

DR FILING DATE: 1998-06-23

DR FILING DATE: 1998-06-23

DR FILING DATE: 1998-06-23

DR FILING DATE: 1998-06-23
                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/C
APPLICATION NUMBER: 60/C
TANC DATE: 1998-06-24
                                                                                                                                                                                                                                                                                 FILING DATE: 1995-06-24
APPLICATION NUMBER: 60/C
APPLICATION 1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 1996 ...
APPLICATION NUMBER: 60/C
APPLICATION 1998-06-19
DATE: 1998-06-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION N
FILING DATE:
APPLICATION N
                                                                                                                                                                                                       FILING DATE: 1998-00 APPLICATION NUMBER:
                                                                                                                                                                                                                                        FILING DATE: 1998-00 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE: 1998-00 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/089952
FILING DATE: 1998-06-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/089947 FILING DATE: 1998-06-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 1998-06-18 APPLICATION NUMBER: 60/089908
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60/089600 FILING DATE: 1998-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/089598
FILING DATE: 1998-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/089538 FILING DATE: 1998-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/089532 FILING DATE: 1998-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/089653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/089512
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                   NUMBER: 60/090557
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1998-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER: 60/0: 1998-06-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER: 60/088858
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1998-06-17
                                                                                                                                                                                                                       1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1998-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1998-06-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1998-06-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1998-06-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1998-06-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-06-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1998-06-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1998-06-1
                                                                    60/090542
                                                                                                                                     60/090535
                                                                                                                                                                     60/090472
                                                                                                                                                                                                       60/090445
                                                                                                                                                                                                                                        60/090444
                                                                                                                                                                                                                                                                          60/090435
                                                                                                                                                                                                                                                                                                           60/090431
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/089907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60/089514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60/089440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/088876
                                                                                                    60/090540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60/090252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/090246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60/089948
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/089801
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60/088861
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60/088826
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60/088824
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /089105
```

```
RESULT 10
US-09-989-734-165
                                                                                                                                                                                                                                                                                                                                                                                                밁
                                                                                                                                                                                                                                                                                                                                                                                                                         Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                     밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ş
                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
                                                                                                                                                                                                                                                                                                             Sequence 165, & Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 119; Conserv
                                                                                                                                                                                 APPLICANT:
APPLICANT:
                                                                                                                                                                                                             APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR
                                                                                                APPLICANT:
                                                                                                              APPLICANT
                                                                                                                                          APPLICANT:
                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR
              APPLICANT
                             PPLICANT
                                          APPLICANT
                                                       APPLICANT
                                                                      APPLICANT
                                                                                  APPLICANT:
                                                                                                                           APPLICANT:
                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                         61
                                                                                                                                                                                                                                                                                                                                                                                                61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      R APPLICATION NUMBER: 60/09
R FILING DATE: 1998-06-25
R APPLICATION NUMBER: 60/09
R FILING DATE: 1998-06-25
R FILING DATE: 1998-06-26
R FILING DATE: 1998-06-26
R FILING DATE: 1998-06-26
R FILING DATE: 1998-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                     μ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REILING DATE:
RAPPLICATION N
REILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION |
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1998-06-26
APPLICATION NUMBER: 60/
FILING DATE: 1998-07-01
APPLICATION NUMBER: 60/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/090690
FILING DATE: 1998-06-25
APPLICATION NUMBER: 60/090694
FILING DATE: 1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 1998-06-25
APPLICATION NUMBER: 60/
FILING DATE: 1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE: 1998-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1998-07-02
APPLICATION NUMBER: 60/091544
                                                                                                                                                                                                                                                                                                                                                                                                            RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MKVLISSLLLLLPIMLMSMVSSSLNPGVÅRGHRDRGQASRRWIQEGGQECECKDWFIRAP
                                                                                                                                                                                                                                                                                                                                                                                             RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL
                                                                                                                                                                                                                                                                                                                                                                                                                                                    MKVLISSLLLLLPLMLMSMVSSSLNPGVARGHRDRGQASRRWLQEGGQECECKDWFLRAP
                       Pan, James
Paoni, Nicholas F.
Roy, Margaret Ann
Stewart, Timothy A
                                                                                                                                                    Fong, Sherman
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, Audrey
                                                                                                                         Godowski, Paul J.
Grimaldi, J.Christopher
Watanabe,
              Tumas,
                                                                               Napier, Mary A.
                                                                                              Gurney, Austin L.
Kljavin, Ivar J.
                                                                                                                                                                                                               Ferrara, Napoleone
                                                                                                                                                                                                                          Desnoyers, Luc
Eaton, Dan L.
                                                                                                                                                                                                                                                      Baker, Kevin P.
Botstein, David
                                                                                                                                                                                                                                                                                                             Application US/09989734
o. US20030003531A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; ilarity 100.0%; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER: 60/
: 1998-07-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER: 60/091982
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER:
              Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1998-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1998-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1998-07-01
Colin K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       60/091978
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/091633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/091626
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60/091519
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60/091478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60/091360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/090862
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/090696
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60/090695
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60/090678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/092182
                                                                                                                                                                   Ħ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /090863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 644; DB 9
Pred. No. 2e-56;
Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0
```

Gaps

0

119

60 60

```
PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: P2730P1C64
CURRENT APPLICATION NUMBER: US/09/989,734
CURRENT FILING DATE: 2001-11-19
                                                                                                                                            PRIOR
                                                                                                                PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR
                                                                                                                                                                                                                                                                                                    PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITLE OF
                                                                                                                         OR FILING DATE: 1998-06-05

OR APPLICATION NUMBER: 60/088217

OR AFFILING DATE: 1998-06-05

OR APPLICATION NUMBER: 60/088655

OR FILING DATE: 1998-06-09

OR APPLICATION NUMBER: 60/088734
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DR FILING DATE: 1998-06-02
DR FILING DATE: 1998-06-02
DR FILING DATE: 1998-06-02
DR PPLICATION NUMBER: 60/087827
DR PPLICATION NUMBER: 60/087827
DR FILING DATE: 1998-06-03
DR APPLICATION NUMBER: 60/088021
DR PRICING DATE: 1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OR APPLICATION NUMBER: 60/087106
IN FILLING DATE: 1998-05-28
IN APPLICATION NUMBER: 60/087607
IN APPLICATION NUMBER: 60/087609
IN APPLICATION NUMBER: 60/087609
IN FILING DATE: 1998-06-02
                                                     R FILING DATE: 1998-06
R APPLICATION NUMBER: (
R FILING DATE: 1998-06
R FILING DATE: 1998-06
R FILING DATE: 1998-06
                                                                                                                                                                                                                                                                                                             R FILING DATE:
R APPLICATION N
R FILING DATE:
R APPLICATION N
R FILING DATE:
                                                                                                                                                                                                               APPLICATION N
FILING DATE:
APPLICATION N
                                                                                                                                                                                                                                                                     APPLICATION FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60
FILING DATE: 1997-06-1
APPLICATION NUMBER: 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60/083322
FILING DATE: 1998-04-28
APPLICATION NUMBER: 60/084600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/065311
FILING DATE: 1997-11-13
                          APPLICATION N
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1998-00 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1998-06-04
APPLICATION NUMBER: 60/088026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/078910
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/075945
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1997-1: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/065186 FILING DATE: 1997-11-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
FILING
                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       T: Zhang, Zemin
INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Williams, P. Mickey Wood, William I.
I NUMBER: 60
                         NUMBER: 60/0: 1998-06-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 момвек: 60/084600
: 1998-05-07
                                                                                                                                                                                                                NUMBER:
                                                                                                                                                                                                                            NUMBER: 60/088202
: 1998-06-05
                                                                                                                                                                                                                                                                        NUMBER:
                                                                                                                                                                                                                                                                                                   NUMBER:
                                                                                                                                                                                                                                                                                                                NUMBER: 60/088033
: 1998-06-04
                                                                                                                                                                                                                                                                                                                                                          NUMBER: 60/088030
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER: 60/088025
                                                                                  1998-06-10
                                                                                                                                                                                                                                                                                                                                              1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1998-03-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1997-10-
                                                                                                                                                                                                                                                                                      1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                    1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                 1998-06-04
                                                                                                                                                                                                                                                                                                                                                                        1998-06-04
                                                     JMBER: 60/088742
L998-06-10
                                                                                                                .998-06-10
                                                                                                                                                                                                                                                        998-06-05
             60/088824
                                       60/088810
                                                                                              60/088738
                                                                                                                                                                                                               60/088212
                                                                                                                                                                                                                                                                    60/088167
                                                                                                                                                                                                                                                                                                   60/088326
                                                                                                                                                                                                                                                                                                                                                                                    60/088029
                                                                                                                                                                                                                                                                                                                                                                                                                  60/088028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      60/066770
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/062250
)-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60/049787
                                                                               PRIOR
                                                                                                           PRIOR PRIOR
                                                                                                                                         PRIOR
                                                                                                                                                                    PRIOR PRIOR
                                                                                                                                                                                                             PRIOR PRIOR
                                                                                                                                                                                                                                         PRIOR
                                                                                                                                                                                                                                                                                                                                                                    PRIOR
PRIOR
                         PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR
          APPLICATION N
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION | FILING DATE:
                                                                                                FILING DATE:
                                                                                                           FILING DATE: APPLICATION 1
                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                    FILING DATE: 1998-0 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                          FILING DATE: 1998-06-23
APPLICATION NUMBER: 60/
FILING DATE: 1998-06-23
                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1998-00
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/
FILING DATE: 1998-06-17
                                                   APPLICATION
                                                                                                                                                                                                 APPLICATION
                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                         FILING DATE: 1998-06-24
                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                 FILING DATE: 1998-06-24
                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/
FILING DATE: 1998-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/089947 FILING DATE: 1998-06-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/
FILING DATE: 1998-06-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/089598
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 1998-06-11
APPLICATION NUMBER: 60/089105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION
FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING
                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION
                                    NUMBER: 60/
: 1998-06-24
          NUMBER: 60/0: 1998-06-25
                                                                               NUMBER:
                                                                                                           NUMBER:
                                                                                                                                                                                                NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER: 60: 1998-06-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER: 60/089952
1998-06-19
                                                                                                1998-06-24
                                                                                                                                                      1998-06-
                                                                                                                                                                                                               1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                 1998-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1998-06-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER: 60/089653
1998-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   типьеR: 60/089538
1998-06-17
                                                                  1998-06-24
                                                                                                                         1998-06-24
                                                                                                                                                                                 1998-06-24
                                                                                                                                                                                                                                                                     1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                1998-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1998-06-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1998-06-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1998-06-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1998-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1998-06-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1998-06-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1998-06-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1998-06-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60/089801
6-18
                         60/090676
                                                     60/090557
                                                                               60/090542
                                                                                                           60/090540
                                                                                                                                        60/090535
                                                                                                                                                                    60/090472
                                                                                                                                                                                              60/090445
                                                                                                                                                                                                                          60/090444
                                                                                                                                                                                                                                                                                   60/090431
                                                                                                                                                                                                                                                                                                               60/090429
                                                                                                                                                                                                                                                                                                                                         60/090355
                                                                                                                                                                                                                                                                                                                                                                    60/090349
                                                                                                                                                                                                                                                                                                                                                                                                 60/090254
                                                                                                                                                                                                                                                                                                                                                                                                                            60/090252
                                                                                                                                                                                                                                                                                                                                                                                                                                                       60/090246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/089948
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/089907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/089600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60/089514
                                                                                                                                                                                                                                                      60/090435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       806680/09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/089532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60/089440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60/088876
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60/089512
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60/088858
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         60/088861
```

```
RESULT 11
US-09-997-653-165
                                                                                                                                                                                                                                                                                                                                                                                      Ş
                                                                                                                                                                                                                                                                                                                                                                                                             밁
                                                                                                                                                                                                                                                                                                                                                                                                                                 Ş
                                                                                                                                                                                                                                                                                                                                                                 밁
                                                                                                                                                                                                                                                                                   GENERAL
                                                                                                                                                                                   APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                            Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local
 APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                            APPLICANT:
APPLICANT:
APPLICANT:
                                                                     APPLICANT: APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR PRIOR
                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR
                                                                                             APPLICANT:
                                                                                                                    APPLICANT:
                                                                                                         PPLICANT:
                                                                                                                                                                                                                                                                                                                                                                 61
                                                                                                                                                                                                                                                                                                                                                                                       61
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
mes 119; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        R FILING DATE: 1998-07-
R APPLICATION NUMBER: 6
R FILING DATE: 1998-07-
R APPLICATION NUMBER: 6
                                                                                                                                                                                                                                                                                                                                                                                                            R APPLICATION NUMBER: (R FILING DATE: 1998-06-R APPLICATION NUMBER: (R FILING DATE: 1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60/091982 FILING DATE: 1998-07-07 APPLICATION NUMBER: 60/092182 FILING DATE: 1998-07-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 1998-07-01
APPLICATION NUMBER: 60/091519
FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/090863
FILING DATE: 1998-06-26
APPLICATION NUMBER: 60/091360
FILING DATE: 1998-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/
FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/091626 FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60/090695
FILING DATE: 1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/091978 FILING DATE: 1998-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                            RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL 119
                                                                                                                                                                                                                                                                                                                                                                RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL 119
                                                                                                                                                                                                                                                                                   INFORMATION:
                                                                                                                                                                                                                                                                     Ashkenazi, Avi J.
            Watanabe, Colin K. Williams, P. Mickey Wood, William I.
                                                                                                                                                                                                                                              Baker, Kevin P. Botstein, David
                                                          Stewart,
                                                                      Roy,
                                                                                                                                     Godowski, Paul J.
Grimaldi, J.Christopher
                                                                                                                                                                        Gerritsen, Mary E.
                                                                                                                                                                                     Gerber, Hanspeter
                                               Tumas,
                                                                                                                            Gurney, Austin L.
                                                                                                                                                              Goddard, Audrey
                                                                                                                                                                                                            Ferrara, Napoleone
                                                                                                                                                                                                                      Eaton, Dan L.
                                                                                                                                                                                                                                   Desnoyers,Luc
  zhang,
                                                                                 Paon1
                                                                                             Pan,James
                                                                                                     Napier, Mary A.
                                                                                                                   Kljavin, Ivar
                                                                                                                                                                                                 Fong,Sherman
                                                                                                                                                                                                                                                                                           Application US/09997653
b. US20030008297A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                       Margaret Ann
art, Timothy A.
                                                                                Nicholas F.
                                               Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/091478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      60/091633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60/091544
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60/090862
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           60/090696
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        60/090694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               60/090690
                                                                                                                                                                                                                                                                                                                                                                                                                                                          ç
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 644; DB 9 Pred. No. 2e-56; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                         0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                119;
                                                                                                                                                                                                                                                                                                                                                                                                                                                         0
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                  60
                                                                                                                                                                                                                                                                                                                                                                                                            60
                                                                                                                                                                                                                                                                                                                                                                                                                                                        0
                                                                                                                PRIOR
PRIOR
PRIOR
                                                                                                                                                                                               PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                            PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR
PRIOR
PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE
                                                        PRIOR
                                                                                                                                                   PRIOR PRIOR
                                                                                                                                                                                                                                 PRIOR
PRIOR
                                                                                                                                                                                                                                                                               PRIOR PRIOR
                                                                                                                                                                                                                                                                                                     PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR
PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR
PRIOR
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE
                                                                                          PRIOR
                                                                                                                                                                                                                                                        PRIOR
                                                                                                                                                                                                                                                                    PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR
                                                                                PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR
R FILING DATE:
R APPLICATION N
R FILING DATE:
                                                                                                                                               R APPLICATION N
R FILING DATE:
R APPLICATION N
R FILING DATE:
R APPLICATION N
R FILING DATE:
R APPLICATION N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   R APPLICATION N
R FILING DATE:
APPLICATION N
                                                                  APPLICATION |
FILING DATE:
                                                                                                                                                                                                                                 APPLICATION : FILING DATE:
                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                     APPLICATION I
                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
APPLICATION I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                FILING DATE:
                                                        APPLICATION
                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                    APPLICATION
                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                         FILING DATE:
```

```
CURRENT APPLICATION NUMBER: US/09/997,653
CURRENT FILING DATE: 2001-11-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OR APPLICATION NUMBER: 60/062250
OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/065186
OR FILING DATE: 1997-11-12
OR APPLICATION NUMBER: 60/065311
OR APPLICATION NUMBER: 60/066710
OR APPLICATION NUMBER: 60/066770
OR RILING DATE: 1997-11-24
OR FILING DATE: 1997-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic OF INVENTION: Acids Encoding the Same REFERENCE: P2730P1C38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 6 FILING DATE: 1997-06-
                                                                                                                APPLICATION NUMBER: FILING DATE: 1998-00 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE: 1998-06
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 1998-00 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/084600 FILING DATE: 1998-05-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 1998-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE: 1998-0:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: 1998-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                           NUMBER:
                                                       NUMBER:
                                                                                      NUMBER:
                                                                                                                                                                          NUMBER:
                                                                                                                                                                                                       NUMBER:
                                                                                                                                                                                                                                    NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                   NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER:
                                                                                                                                                                                                                                                                NUMBER:
                                                                                                                                                                                                                                                                                               NUMBER:
                                                                                                                                                                                                                                                                                                                           NUMBER:
NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1997-10-17
             1998-06-10
                                                                     1998-06-10
                                                                                                   1998-06-10
                                                                                                                              1998-06-10
                                                                                                                                                                                                                                                                                                             1998-06-05
                                                                                                                                                                                                                                                                                                                                        1998-06-04
                                                                                                                                                                                                                                                                                                                                                                    1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                   1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                            1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-06-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1998-05-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1998-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1998-02-25
                                       1998-06-10
                                                                                                                                                            1998-06-10
                                                                                                                                                                                         1998-06-09
                                                                                                                                                                                                                     1998-06-05
                                                                                                                                                                                                                                                 1998-06-05
                                                                                                                                                                                                                                                                              1998-06-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1998-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1998-06-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1998-03-20
                           60/088826
                                                                                                                                           60/088738
                                                                                                                                                                          60/088734
                                                                                                                                                                                                       60/088655
                                                                                                                                                                                                                                   60/088217
                                                                                                                                                                                                                                                               60/088212
                                                                                                                                                                                                                                                                                                                       60/088167
                                                                                                                                                                                                                                                                                                                                                      60/088326
                                                                                                                                                                                                                                                                                                                                                                                                                 60/088030
                                                                                                                                                                                                                                                                                                                                                                                                                                            60/088029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         60/088028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60/088026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/088025
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60/088021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60/087827
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       60/087759
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/087609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60/087607
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       60/083322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   60/078910
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60/075945
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60/049787
                                                       60/088824
                                                                                    60/088810
                                                                                                                60/088742
                                                                                                                                                                                                                                                                                            60/088202
                                                                                                                                                                                                                                                                                                                                                                                  60/088033
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60/087106
60/088858
```

```
PRIOR
PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DR APPLICATION NUMBER: 60/089947
DR FILING DATE: 1998-06-19
DR APPLICATION NUMBER: 60/089948
DR FILING DATE: 1998-06-19
DR APPLICATION NUMBER: 60/089952
DR FILING DATE: 1998-06-19
DR APPLICATION NUMBER: 60/090246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DR APPLICATION NUMBER: 60/089801
DR FILING DATE: 1998-06-18
DR APPLICATION NUMBER: 60/089907
DR FILING DATE: 1998-06-18
DR APPLICATION NUMBER: 60/089908
DR FILING DATE: 1998-06-18
                                                                                                                                                                                                                                                                                                                                                    R FILING DATE: 1998-06-24
R APPLICATION NUMBER: 60/09
R APPLICATION NUMBER: 60/09
R APPLICATION NUMBER: 60/09
R FILING DATE: 1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                    R APPLICATION NUMBER: 60/09
R FILING DATE: 1998-06-23
R APPLICATION NUMBER: 60/09
R FILING DATE: 1998-06-24
R APPLICATION NUMBER: 60/09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 1998-06-12
APPLICATION NUMBER: 60/
FILING DATE: 1998-06-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/089105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/088861 FILING DATE: 1998-06-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 1998-00 12
APPLICATION NUMBER: 60/(
APPLICATION 1998-06-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/089653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 1998-06-17
APPLICATION UNMBER: 60/089599
FILING DATE: 1998-06-17
APPLICATION UNMBER: 60/089600
FILING DATE: 1998-06-17
FILING DATE: 1998-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE: 1998-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1998-06-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/089514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/089512
                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/1
FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/1
FILING DATE: 1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/090252
FILING DATE: 1998-06-22
APPLICATION NUMBER: 60/090254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/089598
                                                                                                                                                                                              FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/
FILING DATE: 1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 1998-06-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/0
FILING DATE: 1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 1998-06-22
APPLICATION NUMBER: 60/090690 FILING DATE: 1998-06-25
                                     APPLICATION NUMBER: 60/090676 FILLING DATE: 1998-06-25 APPLICATION NUMBER: 60/090678 FILLING DATE: 1998-06-25
                                                                                                               FILING DATE: 1998-06-24
APPLICATION NUMBER: 60/
FILING DATE: 1998-06-24
                                                                                                                                                                           APPLICATION NUMBER: 60/090542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-06-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1998-06-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1998-06-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60/089538
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60/089532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60/088876
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60/089440
                                                                                                                                                                                                                                                                                                                                    60/090445
                                                                                                                                                                                                                                                                                                                                                                                                                                                        60/090431
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60/090429
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    60/090355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         60/090349
                                                                                                                                                                                                                                                                                               60/090472
                                                                                                                                                                                                                                                                                                                                                                           60/090444
                                                                                                                                                                                                                                                                                                                                                                                                                  60/090435
                                                                                                                                        60/090557
                                                                                                                                                                                                                    60/090540
                                                                                                                                                                                                                                                          60/090535
```

```
; SEQ ID NO 140;
; LENGTH: 119;
; TYPE: PRT;
; ORGANISM: Homo S
US-10-174-590-140
                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 12
US-10-174-590-140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local S
Matches 119
                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Baker, Kevin P.
                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 140, A Publication No.
                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                FILE REFERENCE: P3430R1C42
CURRENT APPLICATION NUMBER: US/10/174,590
CURRENT FILING DATE: 2002-06-18
Prior application removed - See File Wrap)
NUMBER OF SEQ ID NOS: 612
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR
                                                                                                                                                                    APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR
                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     61 RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
nes 119; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 1998-06-25
APPLICATION NUMBER: 60/
FILING DATE: 1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/091982 FILING DATE: 1998-07-07 APPLICATION NUMBER: 60/092182 FILING DATE: 1998-07-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/091478 FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/090862 FILING DATE: 1998-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 1998-00 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 1998-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/091978
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/091633 FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/091626
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/091519 FILING DATE: 1998-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/091544 FILING DATE: 1998-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1998-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 1998-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RRKEMTVSGLPKKOCPCDHFKGNVKKTRHQRHHRKPNKHSRACQOFLKQCQLRSEALPL 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MKVLISSILLLLPLMLMSMVSSSLNPGVARGHRDRGQASRRWLQEGGQECECKDWFLRAP 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MKVLISSILLLLPIMIMSMYSSSLNPGVARGHRDRGQASRRWIQEGGQECECKDWF1RAP 60
                                                                                                                                                                                                                                                                                                      Desnoyers, Luc
Goddard, Audrey
Godowski, Paul J
                                                                                                                                                                                                                     Watanabe, Colin K. Wood, William I.
                                                                                                                                                                                                                                                                                    Godowski, Paul J.
Gurney, Austin L.
                                                                                                                                                                                                                                                                        Pan,
                                                                                                                                                                                                                                                        Smith, Victoria
                                                                                                                                                                                                                                                                                                                                                       Chen, Jian
                                                                                                                                                                                                                                                                                                                                                                                                      Application US/10174590 o. US20030008352A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; ilarity 100.0%; Conservative 0;
                     Sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1998-06-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60/091360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60/090863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60/090695
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60/090696
                                                                                                     See File Wrapper or Palm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 644; DB 9
Pred. No. 2e-56;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 119;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
```

0;

Query Match 100.0%; Best Local Similarity 100.0%; Matches 119; Conservative (

0;

Score 644; DB 9 Pred. No. 2e-56;); Mismatches

0

0;

Gaps

0,

DB 9;

Length 119;

Qy dd

12

RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL 119

MKVLISSLLLLLPLMLMSMVSSSLNPGVARGHRDRGQASRRWLQEGGQECECKDWFLRAP

MKVLISSLLLLLPLMLMSMVSSSLNPGVARGHRDRGQASRRWLQEGGQECECKDWFLRAP

60

δÃ

```
Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        밁
                                                                                                                                                                                                                                                                                                                                                                                                                     밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      δÃ
                                                                                                                                                                                                                                                                                                                                            US-10-063-616-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Homo Sapien
US-16-176-758-140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 13
US-10-176-758-140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Prior Application removed -
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 140
LENGTH: 119
TYPE: PRT
                                                                                                                                                                                                                                                                                       GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                        Sequence 26, Application US/10063616 Publication No. US20030013855A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Publication No.
                                 FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,616
CURRENT FILING DATE: 2002-05-03
                                                                                                                         APPLICANT: APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                    TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME
Prior Application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 170
                                                                                                                                                               APPLICANT:
                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                   APPLICANT: Eaton, Dan L. APPLICANT: Filvaroff, F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/176,758
CURRENT FILING DATE: 2002-06-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: P3430R1C104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Baker, Kevin P. APPLICANT: Chen, Jian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC FILE OF INVENTION: ACIDS ENCODING THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity 100.0%;
nes 119; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                     13
                                                                                                                                                                                                                                                                                                                                                                                                                                                     61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 MKVLISSLLLLLPLMLMSMVSSSLNPGVARGHRDRGQASRRWLQEGGQECECKDWFLRAP 60
                                                                                                                                                                                                                                                                                                                                                                                                                                    RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL 119
                                                                                                                         Watanabe, Colin K. Wood, William I.
                                                                                                                                                                              Godowski, Paul J.
Grimaldi, Christopher J.
                                                                                                                                                                                                                  Gerritsen, Mary E. Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Zhang,Zemin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Godowski, Paul J. Gurney, Austin L.
                                                                                                                                                             Gurney, Austin L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Wood, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Goddard, Audrey
                                                                                                                                                                                                                                                     Filvaroff, Ellen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Watanabe, Colin K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Smith, Victoria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Desnoyers, Luc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Application US/10176758
b. US20030008353A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           See File Wrapper or Palm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 644; DB 9
Pred. No. 2e-56;
Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 9; Length 119;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0;
```

```
; Prior Application removed - See File Wrapper or Palm; NUMBER OF SEQ ID NOS: 612; SEQ ID NO 140; LENGTH: 119; TYPE: PRT; ORGANISM: Homo Sapien
US-10-175-737-140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          δã
Search completed: April 16, 2003, 12:17:22
Job time : 21 secs
                                                               밁
                                                                                        δÃ
                                                                                                                             밁
                                                                                                                                                        Qy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 15
US-10-175-737-140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            В
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Homo Sapien 
US-10-063-616-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO
LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 140, Appropriation No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches 119;
                                                                                                                                                                                         Matches 119;
                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: P3430R1C50
CURRENT APPLICATION NUMBER: US/10/175,737
CURRENT FILING DATE: 2002-06-19
                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Baker, Kevin P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
                                                                                             61
                                                               61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               61 RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKGCQLRSFALPL 119
                                                                                                                                                             \vdash
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 MKVLISSLLLLLPLMLMSMVSSSLNPGVARGHRDRGQASRRWLQEGGQECECKDWFLRAP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 MKVLISSLLLLLPIMIMSMVSSSLNPGVARGHRDRGQASRRWIQEGGQECECKDWFIRAP
                                                                                RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL 119
                                                                                                                                           MKVLISSLLLLLPLMLMSMVSSSLNPGVARGHRDRGQASRRWIQEGGQECECKDWFLRAP
                                                                                                                          MKVLISSLLLLLPLMLMSMVSSSLNPGVARGHRDRGQASRRWLQEGGQECECKDWFLRAP 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL 119
                                                            RRKFMTVSGLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSRACQQFLKQCQLRSFALPL
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Zhang, Zemin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Watanabe, Colin K. Wood, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Smith, Victoria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pan, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gurney, Austin L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Goddard, Audrey
Godowski, Paul J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Desnoyers, Luc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Chen, Jian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Application US/10175737 to. US20030013153A1
                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%;
                                                                                                                                                                                                         100.0%; Score 644; DB 9; 100.0%; Pred. No. 2e-56;
                                                                                                                                                                                         0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 644; DB 9
Pred. No. 2e-56;
                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 9;
                                                                                                                                                                                         0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0;
                                                                                                                                                                                                                        Length 119;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length
                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                        0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0;
                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                          60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            60
                                                                                                                                                                                         0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0
```

